



June 12, 2009

President and Chief Executive Officer Chevron Phillips Chemical Company, LP 10001 Six Pines Drive The Woodlands, Texas 77380

Van Long, Cedar Bayou Plant Manager Chevron Phillips Chemical Co.- Cedar Bayou 9500 I-10 East Exit 796 Baytown, Texas 77521-9570

Dear Sirs:

I write on behalf of Environment Texas and Sierra Club ("the Citizen Groups") and their members.

Chevron Phillips Chemical Company, LP<sup>1</sup> ("Chevron Phillips") owns and operates a petrochemical plant in Baytown, Texas (the plant is hereafter referred to as the "Cedar Bayou Plant"). Based on available information, the Citizen Groups believe that Chevron Phillips has repeatedly violated, and will continue to violate, its air emission permits, the Texas State Implementation Plan, and the federal Clean Air Act ("CAA") by emitting air pollutants into the atmosphere from the Cedar Bayou Plant in excess of applicable emission limitations.

#### **Applicable Clean Air Act Requirements**

The Texas State Implementation Plan ("SIP") is a set of state laws and regulations designed to protect air quality in Texas and, more specifically, to achieve compliance with federally promulgated national ambient air quality standards ("NAAQS"). SIPs are required by Section 110 of the Clean Air Act, 42 U.S.C. § 7410, and must be approved by the U.S. Environmental Protection Agency ("EPA").

<sup>&</sup>lt;sup>1</sup> Chevron Phillips Chemical Company LP is a wholly-owned subsidiary of Chevron Phillips Chemical Company LLC. This letter also serves to notify Chevron Phillips Chemical Company LLC of violations at the Cedar Bayou Plant.

The Cedar Bayou Plant contains a number of fixed sources of air pollution that are classified as "stationary sources" under the Clean Air Act. The Texas SIP requires Chevron Phillips to report certain unauthorized emissions of air pollutants from these stationary sources to the Texas Commission on Environmental Quality ("TCEQ") within 24 hours of their discovery. 30 Tex. Admin. Code §§ 101.201(a) and 101.211(a). Thereafter, Chevron Phillips has two weeks to issue a "final" report concerning such emission events; if no final report is submitted, the initial report is considered final. 30 Tex. Admin. Code §§ 101.201(b) and (c) and 101.211(b) and (c).

These emission event reports submitted by Chevron Phillips to TCEQ include, among other information: the date, time, and duration of the event; the nature and cause of the event; any corrective action taken; the unit and the specific emission point from which pollutants were emitted to the atmosphere; the permit or regulation applicable to the unit and emission point; the emission standard or limitation that has been exceeded; and the type and estimated quantities of air pollutants emitted.

Emissions of air pollutants from the Cedar Bayou Plant are governed by, among other requirements, Prevention of Significant Deterioration Permit ("PSD Permit") No. PSD-TX-748 and Texas New Source Review Permit ("NSR Permit") Nos. 1504A, 37063, 2462C, 46305 and 19027, issued to Chevron Phillips by the TCEQ pursuant to 30 Tex. Admin. Code § 116. These permits contain Maximum Allowable Emission Rate Tables ("MAERTs") that set forth, for each source of air pollutants governed by each permit, a maximum hourly emission limit (expressed in pounds per hour) and a maximum annual emission limit (expressed in tons per year) for each pollutant authorized to be discharged during normal operations. Some of the MAERTs also include maximum hourly emission limits and maximum annual emission limits for each pollutant authorized to be discharged from a source during start-up, shutdown and/or maintenance activities. Compliance with the numerical emission limits in the MAERTs is mandatory. Texas Health & Safety Code § 382.085(b); 30 Tex. Admin. Code § 116.115(b)(2)(F).

Chevron Phillips' NSR/PSD Permits and all of the emission standards and limitations contained therein have been incorporated into federal operating permits, Nos. O-2113, O-2114, O-2115, and O-2370, issued pursuant to Title V of the Clean Air Act, 42 U.S.C. §§ 7661-7661f. Any release of air pollutants into the atmosphere (1) in excess of an hourly or annual emission limit contained in any of Chevron Phillips' NSR/PSD permits, (2) from an emission point not authorized to emit such pollutants, or (3) not authorized to be released, is a violation of both the applicable NSR/PSD permit and the corresponding Title V permit. All such releases also violate both the Texas SIP and the federal Clean Air Act. 42 U.S.C. §§ 7604(a)(1) and(f) and 7661a(a).

In addition, the stationary sources at the Cedar Bayou Plant referenced above are "new sources" within the meaning of Section 111(a)(2) of the Clean Air Act, 42 U.S.C. § 7411(a)(2), and are "affected facilities" within the meaning of 40 C.F.R. § 60.2. Accordingly, they are subject to federal New Source Performance Standards ("NSPS"), which are national, technology-based emission standards and limitations promulgated pursuant to Section 111, 42 U.S.C. § 7411.

Pursuant to CAA section 111(b), 42 U.S.C. § 7411(b), EPA promulgated general NSPS provisions, codified at 40 C.F.R. Part 60, Subpart A, §§ 60.1-60.19, that apply to owners and operators of any stationary source that contains an "affected facility" subject to regulation under 40 C.F.R. Part 60. 40 C.F.R. § 60.11(d) requires that at all times – including periods of startup, shutdown, and malfunction – owners and operators shall, to the extent practicable, maintain and operate any affected facility, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. 40 C.F.R. § 60.18(c) requires, among other things, that flares used to comply with applicable subparts of 40 C.F.R. Parts 60 and 61 be operated with no visible emissions (except for periods not to exceed five minutes during any two consecutive hours) and with the presence of a flame at all times.

CAA Section 111(e), 42 U.S.C. § 7411(e), prohibits the operation of any new source in violation of an NSPS applicable to such source. Thus, a violation of an NSPS is a violation of Section 111(e) of the Clean Air Act, as well as a violation of the Cedar Bayou Plant's applicable PSD or NSR permit and Title V permit, each of which incorporates applicable NSPS requirements.

In addition, stationary sources at the Cedar Bayou Plant are subject to national emission standards for hazardous air pollutants ("NESHAPs") promulgated by EPA pursuant to Section 112(d) of the Act, 42 U.S.C. § 7412(d). Pursuant to Section 112(d), EPA promulgated general NESHAPs provisions, codified at 40 C.F.R. Part 61, Subpart A, §§ 61.1-61.19, that apply to owners and operators of any stationary source for which a NESHAP is prescribed. 40 C.F.R. § 61.12(c) requires that owners and operators shall maintain and operate the source, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions.

A violation of 40 C.F.R. § 61.12(c) is a violation of the Clean Air Act, as well as a violation of the Cedar Bayou Plant's applicable PSD or NSR permit and Title V permit, each of which incorporates this regulatory requirement.

In addition, the Cedar Bayou Plant has vent gas streams containing highly-reactive volatile organic compounds ("HRVOCs"), as defined in 30 Tex. Admin. Code § 115.10, and flares that emit or have the potential to emit HRVOCs. Accordingly, the Cedar Bayou Plant is prohibited from emitting more than 1,200 pounds of HRVOCs in any one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination thereof. 30 Tex. Admin. Code §§ 115.720(a) and 115.722(c)(1). Any violation of this emission limitation is a violation of the Cedar Bayou Plant's state and federal permits, the Texas SIP, and the federal Clean Air Act.

## Chevron Phillips's Clean Air Act Violations

## **Hourly MAERT Limits**

Chevron Phillips has, on numerous occasions, emitted air pollutants into the atmosphere from the Cedar Bayou Plant in amounts or at rates that exceeded applicable hourly permit limits.

A description of such emissions from the Cedar Bayou Plant during emission events occurring from February 2003 through May 2009<sup>2</sup> is contained in the attached Table 1. For each such emission of pollutants, Table 1 contains: the emission event tracking number; the start and end dates of the emission event; the applicable NSR permit number or regulation, if any (under the heading "Authorization"); Chevron Phillips' characterization of the event ("emission event" is abbreviated as "EE"); the unit and emission point from which the emissions occurred ("facility identification number" is abbreviated as "FIN" and "emission point number" is abbreviated as "EPN"); the type and amount of pollutant(s) emitted (the amount is expressed as a percentage in the case of opacity); the duration of the emission event; and the reported applicable emission standard or limitation.

The pollutant types and amounts and the applicable emission standards and limitations listed in Table 1 are set forth just as Chevron Phillips reported them on its emission event reports to TCEQ. The "reported" emission limits, however, may differ from the actual permit limits in effect. For example, Chevron Phillips' PSD and NSR permits impose limits on total Volatile Organic Compounds; but Chevron Phillips, in its emission event reports, frequently reports pollutant releases and the applicable emission limits separately for each individual VOC. Similarly, Chevron Phillips frequently reports nitric oxide and nitrogen dioxide emissions and their applicable limits separately, even though its permits impose limits on total oxides of nitrogen ("NOx"). For convenience, Table 1 includes, for each emissions event, the individualized pollutant emissions as they were reported by Chevron Phillips, and also a calculated entry for "Total VOCs" and "Total NOx." The information presented in Table 1 is sufficient to enable Chevron Phillips to ascertain the nature of each alleged violation and when and where it occurred.

In addition, Chevron Phillips' PSD and NSR permits do not authorize fugitive emissions of air pollutants. Although numerical amounts are listed for certain fugitive sources in the MAERTs and reported as applicable emission limits by Chevron Phillips (as reflected in Table 1), the permits state that such amounts are "an estimate only and should not be considered as a maximum allowable emission rate." The actual emission limit on all fugitive emissions is therefore zero.

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<sup>&</sup>lt;sup>2</sup> The Citizen Groups do not intend to file suit to enforce violations occurring more than five years before the date of this letter.

#### **Annual MAERT Limits**

Chevron Phillips has, on numerous occasions, emitted air pollutants into the atmosphere from the Cedar Bayou Plant in amounts that exceed applicable annual permit limits. A description of such permit violations at the Cedar Bayou Plant resulting solely from emission events occurring from December 2003 through May 2009 is contained in the attached Table 2. For each such violation of an annual permit limit, Table 2 contains: the applicable NSR permit number; the number of the emission point from which the emissions occurred; the type and amount of pollutant discharged; the applicable tons per year limit; and the rolling 12-month period during which each violation occurred (or is still occurring).

Moreover, the pollutants released during the emission events described in Table 1 may, when added to the "routine" pollutant emissions occurring during normal operations at Chevron Phillips' Cedar Bayou Plant, have contributed to additional violations of tons per year limits not reflected in Table 2. This notice letter covers all such violations of annual tons per year limits.

### **HRVOC Limits**

Chevron Phillips has, on numerous occasions, emitted HRVOCs into the atmosphere from the Cedar Bayou Plant in amounts or at rates that exceeded the hourly, site-wide HRVOC limit in the Texas SIP and incorporated into Chevron Phillips' permits. A description of such HRVOC violations at the Cedar Bayou Plant is contained in the attached Table 3. The information in Table 3 is based on the emission event information reported by Chevron Phillips to TCEQ. For each such violation of the hourly HRVOC limit, Table 3 contains: the emission event tracking number; the start date and time, end date and time, and duration of the emissions; the amount of HRVOCs released; and the hourly emission limit.

#### Unauthorized Startup, Shutdown and Maintenance Emissions

Special Condition 3 of NSR Permit No. 1504A, Special Condition 3 of NSR Permit No. 37063, and Special Condition 10 of NSR Permit No. 2462C each authorize emissions only from the specified maintenance, startup or shutdown activities at the specified emission points described in each permit condition. Special Condition 3 of Permit No. 1504A and Special Condition 3 of Permit No. 37063 provide further that any maintenance, start-up, or shutdown activities not specifically listed "are not authorized by this permit." The applicable emission limit for any such non-listed maintenance, startup or shutdown activities at the units covered by these permits is therefore zero pounds per hour.

Table 4 identifies emission events that involved startup, shutdown or maintenance activities and that Chevron Phillips reported as being authorized by either Permit No.

1504A, 37063 or 2462C and as therefore subject to an emission limit greater than zero.<sup>3</sup> For each of these emission events, Table 4 contains: the emission event tracking number; the start and end dates and times of the emission event; the applicable permit number; Chevron Phillips' characterization of the event; the unit and emission point from which the emissions occurred.

Because each of the emission events described in Table 4 involved unauthorized startup, shutdown or maintenance activities, each constitutes a violation of the applicable special condition described above. In addition, because each report Chevron Phillips submitted to TCEQ for the emission events in Table 4 contained an incorrect emission limit applicable to these events, each report constitutes a violation of 30 Tex. Admin. Code §§ 101.201(b)(1)(H) or 101.211(a)(1)(I) and (b)(1)(I) (requiring reporting of authorized emissions limits, if any, for the facilities involved).

#### General NSPS and NESHAP Requirements

The unauthorized releases of air pollutants described in Tables 1 and 2 and in the HRVOC table above also constitute violations of 40 C.F.R. Part 60, Subpart A, including, but not limited to, §60.11(d) (relating to good air pollution control practices) and 40 C.F.R. Part 61, Subpart A, including, but not limited to, § 61.12(c) (also relating to good air pollution control practices).

In addition, the emission events identified by tracking numbers 17017, 24350, 26276, 31334, and 37194 in Table 1 constitute violations of 40 C.F.R. § 60.18(c)(1), regarding visible emissions from flares, and the emission events identified by tracking numbers 65091, 70394,70583, 70666, 70786, 75108, 76377, 114137, and 114138 in Table 1 constitute violations of 40 C.F.R. §60.18(c)(2), requiring the presence of a flame at all times during operation of a flare.

This notice letter and the attached tables are based on publicly available sources of information. Additional information, including information in the possession of Chevron Phillips, may reveal additional details about the violations described above and may reveal additional violations of the Clean Air Act at the Cedar Bayou Plant. This letter covers all such violations.

The Citizen Groups intend to file suit against Chevron Phillips in federal court to secure appropriate relief under state and federal law for all violations described in this notice letter occurring within the five years immediately preceding the sending of this letter, and for any similar violations that occur after the date of this notice letter.

<sup>&</sup>lt;sup>3</sup> The events listed in Table 4 are also included in Table 1. Thus, even if any of the activities were in fact authorized, the emissions would still violate the emission standards and limitations described on p. 4, above.

If you believe any of the above information is in error, or if you take steps to permanently correct any of the described violations, or if you believe you are currently in compliance with the Clean Air Act, or if you have any questions concerning this letter or the described violations, please contact me as soon as possible at (617) 747-4333 or at the address listed above. If you would like to meet in person to discuss this matter, we are available to meet in Houston during the week of July 6 or the week of July 20.

Sincerely,

Joshua R. Kratka

# Additional Legal Counsel Sending This Letter

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# Addresses and telephone numbers of the Citizen Groups

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# cc: By certified mail - return receipt requested

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CT Corporation Systems 350 North St. Paul Street Dallas, Texas 75201 (registered agent for Chevron Phillips Chemical Company LP and Chevron Phillips Chemical Company LLC)

Table 1 - Violations of Hourly Limits

	4.5 <b>4.5</b> 20.	,	The second secon			The state of the s			The second secon				
	4.5 20.	161.92	63.00	Hexene	110	Z-101 Flarc	P-1797	NAOU 1797	്ദസൂ	37063	67332355	6/1/20 6:00	NEAS
250011290   2400C   Samp   PRI 1797   45   45   45   45   45   45   45   4	4.9	161.92	96,00	Ethylene	011	Z-101 Flare	P-1797	NAOU 1797	dnise	37063	6/7/03/23:55	67.05 6.00	808
	4.9	161.92	39.00	TOTAL NOx	110	Z-101 Flare	P-1797	NAOU 1797	Startup	37063	6/7/03 23:55	6/1/03 6:00	18868
25001 12.9   2-02.0   Sindrigy   PEU 1792   4.5   Sindrigy   PEU 1792   Sindrigy   PEU 1792   Sindrigy   Si		161.92	37.00	Nitrogen Oxide	110	Z-101 Flare	P-1797	NACC 1797	dates	7 T X X X	* 135 Light	9/13/2/5/00/00	14.22
	4.95	161.92	2.00	Nitrogen Dioxide	110	Z-101 Flure	P-1797	NAOU 1797	Zilarlup.	37053	67703.23.55	6/1/03/6/00	
	35.72	161.92	198.00	CO	110	Z-101 Flare	P-1797	NAOU 1797	Startup	37063	6/7/03 23:55	6/1/03 6:00	18868
	79.7	72.00	18.29	TOTAL VOCs	110	Z-101 Flare	P-1797	NAOU 1797	Shutdown	37063	4/28/03 6:00	4/25/03 6:00	18862
25001230   2465C   Simmy   PEU 1792   4.5   Nitrogen District   4.92   4.92   2.92	0.0	72.00	1.38	Propylene	011	Z-10] Flare	P-1797	NA087 1797	CASODED.	3000	4.08/60 538	473 13 630	8
	20.0	72.00	16.91	Ethylene	110	Z-101 Flare	P-1797	NAOC 1707	nskopsa (s	1385	428.35 0.00	4/25/03 6:00	25.00 25.00
	4.9	72.00	2.52	TOTAL NOx	110	Z-101 Flare	P-1797	NAOU 1797	Shutdown	37063	4/28/03 6:00	4/25/03 6:00	18862
	4.9:	72.00	2.39	Nitrogen Oxide	110	2-101 Flare	P-1797	NAON 1797	trwoping.	3,000	#/28/93 busts	*05/03 p.(c)	298N
	4.95	72.00	0.13	Nitrogen Dioxide	011	Z-101 Flarc	P-1797	NAOC 1797	Sudove	3.444.3	10% GUST F	4/25.73 6:00	792N
	35.7	72.00	12.83	СО	110	Z-101 Flare	P-1797	NAOU 1797	Shutdown	37063	4/28/03 6:00	4/25/03 6:00	18862
District   District	358.6	72.00	220.00	TOTAL VOCs	1798-22	Z-1101 Flare	P-1798	NAOU 1798	Shutdown	37063	4/14/03 6:00	4/11/03 6:00	17992
District   District	0.00	72.00	10.00	Propylene	1798-22	¿-1101 ) Jare	P-1798	NAOL 1798	tracelly in	5,7005	41543 550	4):2:5:5:0	14.5
Decided   Deci	8.00	72.40	210.00	Ethylene	1798-22	Z-1101 Flare	P-1798	SWI TOVN	% sclown	37000	1009 504 LT	4 1) 3) 5 6300	7,0467
25/03/12/30   2462C   Surrup   PEU 1792   45   Nitrogen Dioxide   4.20   97.50   25/03/12/30   2462C   Surrup   PEU 1792   45   Nitrogen Dioxide   4.22   97.50   25/03/12/30   2462C   Surrup   PEU 1792   45   Nitrogen Dioxide   4.20   97.50   25/03/12/30   2462C   Surrup   PEU 1792   45   Dioxide   4.20   97.50   25/03/12/30   2462C   Surrup   PEU 1792   45   Dioxide   4.20   97.50   25/03/12/30   2462C   Surrup   PEU 1792   45   Dioxide   4.50   97.50   25/03/12/30   2462C   Surrup   PEU 1792   45   Dioxide   4.50   97.50   25/03/12/30   2462C   Surrup   PEU 1792   45   Dioxide   4.50   97.50   25/03/12/30   2462C   Surrup   PEU 1792   45   Dioxide   4.50   97.50   25/03/12/30   2462C   Surrup   PEU 1792   45   Dioxide   4.50   97.50   25/03/12/30   27063   EE   NAOU 1798   P-1798   Z-1101 Flure   1798-22   Nitrogen Dioxide   90.00   4.50   27/03/19/30   27063   EE   NAOU 1798   P-1798   Z-1101 Flure   1798-22   Nitrogen Dioxide   90.00   4.50   27/03/19/30   27063   EE   NAOU 1798   P-1798   Z-1101 Flure   1798-22   Nitrogen Dioxide   4.50   27/03/19/30   27/03   EE   NAOU 1798   P-1798   Z-1101 Flure   1798-22   TiOTAL NOX   186.00   4.50   27/03/19/30   27/03   EE   NAOU 1798   P-1798   Z-1101 Flure   1798-22   TiOTAL NOX   186.00   4.50   27/03/19/30   27/03   27/03   EE   NAOU 1798   P-1798   Z-1101 Flure   1798-22   TiOTAL NOX   1890.00   4.50   27/03/19/30   27/03   EE   NAOU 1798   P-1798   Z-1101 Flure   1798-22   TiOTAL NOX   93/00   4.50   27/03/19/30   27/03   27	17.65	72.00	21.60	TOTAL NOx	1798-22	Z-1101 Flare	P-1798	NAOU 1798	Shutdown	37063	4/14/03 6:00	4/11/03 6:00	17992
	17.6	72.00	20.50	Nitrogen Oxide	1798-22	2-1101 Flare	P-1798	NAOU 1798	f.haldown	) 78\85	474/03 5/00	111.03 5.90	Control
2503 12.30   2462C   Startup   PEU 1792   45   Nitrogen Dixotic   3.88   97.50   25.503 12.30   2462C   Startup   PEU 1792   45   Nitrogen Dixotic   3.88   97.50   25.503 12.30   2462C   Startup   PEU 1792   45   Nitrogen Dixotic   5.750   25.503 12.30   2462C   Startup   PEU 1792   45   PEU 1792   45   PEU 1792   25.503 12.30   2462C   Startup   PEU 1792   45   PEU 1792   45   PEU 1792   25.503 12.30   PEU 1792   245   PEU 1798-22   PEU 1792   245   PEU 1792   245   PEU 1792   PEU 1792   245   PEU 1792   PEU 1	17.65	72.00	1.10	Nitrogen Dioxide	1798-22	Z-1101 Flare	P-1798	S62.1.ROVN	th/wpie s	3.903	11140日111	410 89	
25/03/12/30   24/3C   CO   48.72   97.50   25/03/12/30   24/3C   CO   48.72   97.50   25/03/12/30   24/3C   Co   48.72   97.50   25/03/12/30   24/3C   Startup   PEU1792   4.5   Nitrogen Dioxide   3.3.8   97.3.0   25/03/12/30   24/3C   Startup   PEU1792   4.5   Nitrogen Dioxide   64/38   97.5.0   25/03/12/30   24/3C   Startup   PEU1792   4.5   Dioxide   64/38   97.5.0   25/03/12/30   24/3C   Startup   PEU1792   4.5   Dioxide   64/38   97.5.0   25/03/12/30   24/3C   Startup   PEU1792   4.5   Dioxide   59/36   25/03/12/30   24/3C   Startup   PEU1792   4.5   Dioxide   59/36   25/03/12/30   24/3C   Startup   PEU1792   4.5   Dioxide   25/03/12/30   25/03   EE   NAOU1798   P-1798   Z-1101 Flare   1798-22   Nitrogen Dioxide   9.00   4.50   25/03/12/30   25/03   EE   NAOU1798   P-1798   Z-1101 Flare   1798-22   TOTAL NOX   4.50   25/03/12/30   25/03   EE   NAOU1798   P-1798   Z-1101 Flare   1798-22   TOTAL VOCS   25/03/03/14/30   25/03   EE   NAOU1798   P-1798   Z-1101 Flare   1798-22   TOTAL VOCS   25/03/03/14/30   25/03   Startup   NAOU1798   P-1798   P-1798   Dioxide   25/30/03/03/03/03/03/03/03/03/03/03/03/03/	127.5	72.00	156.20	СО	1798-22	Z-1101 Flare	P-1798	NAOU 1798	Shutdown	37063	4/14/03 6:00	4/11/03 6:00	17992
25/03 12:30   2462C   48.72   48.72   48.72   48.72   48.72   27.50   25.73	358.6	30.72	298.24	TOTAL VOCs	1798-22	Z-1101 Flare	P-1798	NAOU 1798	Startup	37063	5/6/03 12:43	5/5/03 6:00	17987
Decision 12:30   Decision   Dec	0.00	30.72	2.34	Propylene	1798-22	Z-1101 Flare	p-1798	NAOU 1798	chanth	37063	5/6/03 12:43	5/5/83 kt00	7,387
	8.00	30.72	295.90	Ethylene	1798-22	Z-1101 Flare	P-1798	NAOU 1798	Marwp	37003	5.003 [243]	5/5/03/6:00	7987
Decider   Deci	17.6	30.72	41.15	TOTAL NOx	1798-22	Z-1101 Flare	P-1798	NAOU 1798	Startup	37063	5/6/03 12:43	5/5/03 6:00	17987
Decide   Property	17.6	30.72	39.10	Nitrogen Oxide	1798-22	Z-1101 Flare	P-J798	NAOU 1798	Slamp	37063	5/6/03 12:43	5/5/03 6:00	7987
	17.6	30.72	2.05	Nitrogen Dioxide	1798-22	Z-1101 Flare	P-1798	NAOU 1798	Startup	37063	5/6/03 12:43	5/5/03 6:00	7987
	127.5	30.72	209.68	CO	1798-22	Z-1101 Flare	P-1798	NAOU 1798	Startup	37063	5/6/03 12:43	5/5/03 6:00	17987
	7.33	1.00	9350,00	TOTAL VOCs	F-1798-30	Fugitive	P-1798	NAOU 1798	EE	37063	3/10/03 14:00	3/10/03 13:00	17142
	7.33	1.00	9350.00	Ethylene	F-1798-30	fugitive	P-1798	NAOU 1798	38	37063	3/10/03 14:00	3/10/03   3:00	71.12
	358.6	4.50	1890.00	TOTAL VOCs	1798-22	Z-1101 Flare	P-1798	NAOU 1798	EB	37063	3/7/03 19:30	3/7/03 15:00	17017
	358.6	4.50	1890.00	Ethylene	1798-22	Z-1101 Flare	P-1798	NAOU 1798	77)	37063	3/7/03 19:30	3/7/03 15:00	17017
215/03 12:30         2462C         Startup         PEU 1792         45         CO         488.72         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         48.72         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         64.28         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Oxide         64.28         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         TOTAL NOx         67.66         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Ethylone         631.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Propylene         14.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Propylene         44.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Propylene         Propylene         44.00         97.50           25/03 19:30         37063	0.00	4.50	50.00%	Opacity	1798-22	Z-1101 Flare	P-1798	NAOU 1798	題	37063	3/7/03 19:30	3/7/03 15:00	17017
215/03 12:30         2462C         Startup         PEU 1792         45         CO         488.72         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         48.72         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         64.28         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Oxide         64.28         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         TOTAL NOx         67.66         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Ethylone         631.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Propylene         14.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Propylene         44.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Propylene         Propylene         44.00         97.50           25/03 19:30         37063	17,6:	4.50	186.00	TOTAL NOx	1798-22	Z-1101 Flare	P-1798	NAOU 1798	題	37063	3/7/03 19:30	3/7/03 15:00	17017
255/03 12:30         2442C         Startup         PEU 1792         45         CO         488.72         97.50           255/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         3.38         97.50           255/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         64.28         97.50           255/03 12:30         2462C         Startup         PEU 1792         45         TOTAL NOx         67.66         97.50           255/03 12:30         2462C         Startup         PEU 1792         45         TOTAL NOx         67.66         97.50           255/03 12:30         2462C         Startup         PEU 1792         45         Ethylone         61.00         97.50           255/03 12:30         2462C         Startup         PEU 1792         45         Ethylone         61.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Propylene         44.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Propylene         44.00         97.50           25/03 12:30         37063         BB         NAOU	17.6	4.50	177.00	Nitrogen Oxide	1798-22	Z-1101 Flare	P-1798	NAOU 1798	[7] [7]	37063	3/7/03 19:30	3/7/03 15:00	17017
25/03 12:30         2442C         Startup         PEU 1792         45         CO         488.72         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         3.38         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         64.28         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         TOTAL NOx         67.66         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         TOTAL NOx         67.66         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         Eftlylone         61.00         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         Propylene         14.00         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         Propylene         97.50         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         Propylene         97.50         97.50           2/5/03 12:30         2462C         Startup	17.6	4.50	9.00	Nitrogen Dioxide	1798-22	2-1101 Flare	P-1798	NAOU 1798	[Y]	37063	3/7/03 19:30	3/7/03 15:00	17017
215/03 12:30         2442C         Startup         PEU 1792         45         CO         48.72         97.50           225/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         3.38         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Oxide         64.28         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         TOTAL NOx         67.66         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Efflylone         631.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Efflylone         61.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Propylene         44.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Propylene         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Propylene         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Prop	127.5	4.50	1344.00	ප	1798-22	Z-1101 Flare	P-1798	NAOU 1798	租	37063	3/7/03 19:30	3/7/03 15:00	17017
25/03 12:30         2442C         Startup         PEU 1792         45         CO         488.72         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         3.38         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Oxide         64.28         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         TOTAL NOx         67.66         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Efthylone         631.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Efthylone         631.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Propane         14.00         97.50           25/03 12:30         2463C         Startup         PEU 1792         45         Propane         44.00         97.50	0.00	97.50	689.00	TOTAL VOCs			45	PEU 1792	Startup	2462C	2/5/03 12:30	2/1/03 11:00	13981
225/03 12:30         2462C         Startup         PEU 1792         45         CO         488.72         97.50           225/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         3.38         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Oxide         64.28         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         TOTAL NOx         67.66         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Ethylone         631.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Ethylone         631.00         97.50           25/03 12:30         2462C         Startup         PEU 1792         45         Propane         14.00         97.50	0.00	97.50	41.00	Propylene			45	PEU 1792	: (arup	24620	2/5/03 12:30	2/1/03 13:00	1860
2/25/03 12:30         2462C         Startup         PEU 1792         45         CO         488.72         97.50           2/25/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         3.38         97.50           2/25/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Oxide         64.28         97.50           2/25/03 12:30         2462C         Startup         PEU 1792         45         TOTAL NOx         67.66         97.50           2/25/03 12:30         2/452C         Startup         PEU 1792         45         Editylene         631.00         97.50	6.62	97.50	14.00	Propane			45	PEU 1792	Hartup	24620	2/5/83 12:30	2/1/03/11:00	1805
2/5/03 12:30         2462C         Startup         PEU 1792         45         CO         488.72         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         3.38         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Oxide         64.28         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         TOTAL NOx         67.66         97.50	19.7	97.50	631.00	Ethylene	dud the same and describe the same as an assessment		35	PEU 1792	dinters	2430	2/5/05 12:30	2/1/03 11:00	1866
2/5/03 12:30         2462C         Startup         PEU 1792         45         CO         48.72         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         3.38         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Oxide         64.28         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Oxide         64.28         97.50	0.00	97.50	67.66	TOTAL NOx			45	PEU 1792	Startup	2462C	2/5/03 12:30	2/1/03 11:00	13981
2/5/03 12:30         2402C         Startup         PEU 1792         45         CO         48.72         97.50           2/5/03 12:30         2462C         Startup         PEU 1792         45         Nitrogen Dioxide         3.38         97.50	3.04	97.50	64.28	Nitrogen Oxide			45	264 N34	darms	はまご	7/5/05 17:30	2/1/03 11:00	388
2/5/03 12:30 2462C Startup PEU 1792 45 CO 488.72 97.50	0.16	97.50	3.38	Nitrogen Dioxide			4.5	PEU 1792	dmarij	0.550	2/5/83 12:30	2/1 (0): 11:00	Seci
Time Aumorization Type of Event Office Source infortation Edition Exists I confirme (ms)	23.3	97.50	488.72	S			45		Startup	2462C	2/5/03 12:30	2/1/03 11:00	13981
The Authoritation Than of Frank That Source Life FM Francisco Point FM PAUL PAUL PAUL (http://www.	(lbs/hr)	(hrs)	(ва)	Pollutant	EPN	Emission Point	Source Info/FIN	Lait	Type of Event	Authorization	THE	Time	Number

Table 1 - Violations of Hourly Limits

	Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	G.	Adittional Source Info/FIN	Emission Point	EPN	Pollutant	Admount Released (lbs)	Duration (brs)	Keported Emission Limit (lbs/hr)
Adjubit   1300   Adjubit   2500   2700   2510   2	18868	6/1/03 6:00	6/7/03 23:55		Startup	NAOU 1797	P-1797	1-1	110	TOTAL VOCs	181.00	161.92	79.71
1155   155	19147	4/13/03 13:00	4/15/03 8:30	37063	Ħ	NAOU 1798	P-1798	Z-1101 Flare	1798-22	C0	151.50	43.50	127.51
Action 1900   Africa 200   Africa 200   Africa 200   Agrica 200   Ag	7 P.	#13/0 13/0	*1503836	3765		NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	28.20	43.50	17.65
AUDITION	19147	4/13/03 13:00	4/15/03 8:30	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	29.70	43.50	17.65
	19147	4/13/3/3/13/3/	41340 8.3	SANS	S	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	153.96	43.50	8.00
ADJUSTICION   APPON NET   AP	79 47	*1353 13:00	8-35493-8-30	37863		NAOU 1798	P-1798	Z-1101 Flare	1798-22	l·lexene	107.51	43.50	3.24
\$\frac{4130313400}{500017440}	19147	4/13/63 13:00	9/15/03 8:39	7082	in in	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Propylene	7.50	43.50	0.00
Scribs 1742   Scribs 1740   Scribs 1740   Scribs 1740   Scribs 1740   Scribs 1740   Scribs 1740   Scribs 1840   Scribs 1740   Scribs 1840	19147	4/13/03 13:00	4/15/03 8:30	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	268.97	43.50	358.62
S7001744   S7001960   S7003	20426	5/7/03 17:42	5/7/03 19:10	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	8	353.00	1.47	133.57
Spinolity44	9.7%	5/7//3 17:42	5/7/81 18/19	SES	Tr.	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	3.00	1.47	18.49
S7703 1743   S7703 19:10   37063   EE   MAOU 1798   P-1798   Z-1101 Flare   1798-22   Block   S7703 19:10   S784 19:11	5	5/7/03 17:42	27/85 19:16	5385	ir.	NAGU 1798	¥62.1-ă	Z-1101 Flare	1798-22	Nitrogen Oxide	46.00	1.47	18.49
STRUCTURE   STRU	20426	5/7/03 17:42	5/7/03 19:10	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	49.00	1.47	17.65
SPANISTON   SPAN	1975	\$7700 17.12	\$ 7 8 P. C.	2362		NAOU 1798	P-1798	Z-1101 Flure	1798-22	Butene	11.00	147	350.64
STATE   12   12   12   12   12   12   12   1	5	5 75 1 1 4 4 2	2124 KG A8	3732		NAOL 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	479.00	1,47	8.00
STRING 1742   STRING 19-10   STRIN	i i	5/7/05 17 12	7.744. TV TV	346	re Ti	NACE 1798	P-1798	Z-1101 Flare	1798-22	Нехепе	00.61	1.47	7.44
S7703 1742         57703 19-10         37063         EE         NAOU1798         2-1702         Z-1101 Flare         1798-22         TOYAL VOCs         514.00           57003 20:33         57003 20:33         57003 20:33         EE         PEU 1792         P-1792         Process Fugitives         F-75-G         TOYAL VOCs         167.00           51003 20:33         57000 20:43         Sept.         PEU 1792         P-1792         Process Fugitives         F-75-G         TOYAL VOCs         167.00           51003 20:23         57000 20:43         Sept.         PEU 1792         P-1792         Process Fugitives         F04         Ethylene         271.00           51003 20:05         51903 20:15         2462C         BE         PEU 1792         P-1792         Emissions         F04         VOC         33.00           51903 18:09         52003 0:00         37063         BE         PEU 1792         P-1792         Emissions         F04         VOC         33.00           51903 18:09         52003 0:00         37063         BE         NAOU1798         P-1798         Z-1101 Flare         1798-22         Numer         6.00           51903 18:09         52003 0:00         37063         EB         NAOU1798         P-1798         Z	E	\$7707 LT/47	27495-10-10	3 /4 /4 / 1	100	NACE TES	P-1798	Z-1101 Flare	1798-22	Octene	00.11	1.47	0.47
Stitled Style   Style St	20426	5/7/03 17:42	5/7/03 19:10	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	514.00	1.47	358.62
STR003 20:31   S70,003 20:40   46783   RE PRU 1792   Process Fugitives   F-75-G   TOTAL VOCs   167.00	16901	15-95 sh045	500.63.25.10		(m) (m)	PEU 1792	P-1792	Process Eugitives	F-75-G	Ethylene	167.00	0.15	2.28
Strike   2-245   Stephen   2-145   Stephen   2	20691	5/10/03 20:31	5/10/03 20:40	46783	田	PEU 1792	P-1792	Process Fugitives	F-75-G	TOTAL VOCs	167.00	0.15	2.28
STREAD STREAM   STREAD STREET   PRUTTYSE   PLITYSE   P	3	S18/03/22/05	5/19/03/2015	1.2	77	264.1 A34	P-1792	Emissians	F04	Ethylene	271.00	22.17	_
\$18.03 22.05         \$19.03 20.15         2462C         BE         PEU1792         P-1792         Emissions         F04         VOC         33.00           \$19.03 18.09         \$19.03 20.15         2462C         BB         PEU11792         P-1798         Emissions         F04         TOTAL VOCS         330.00           \$19.03 18.09         \$19.03 18.09         \$19.06         BB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         QC         634.00           \$19.03 18.09         \$20.03 0.00         37063         BB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Nitrogen Dixxide         4.00           \$19.03 18.09         \$20.03 0.00         37063         BB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Nitrogen Dixxide         83.00           \$19.03 18.09         \$20.03 0.00         37063         BB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Butence         6.00           \$19.03 18.09         \$20.03 0.00         37063         BB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Bithylene         7.00           \$19.03 18.09         \$20.03 0.00         37063         BB	5	7.1K 25.72.45	3090020		******	PEU 1792	P-179I	Emissions	F04	Propane	26.00	22.17	0.45
StirRiol 22:05   StirRiol 20:05   2462C   EEB   PRU 1792   P-1792   Emissions   FO4   TOTAL VOCs   33:0.00     StirRiol 18:09   StirRiol 18:09   StirRiol 19:00   StirRiol 19:	21130	5/18/03 22:05	5/19/03 20:15	2462C	EE	PEU 1792	P-1792	Emissions	F04	VOC	33.00	22.17	0.44
Sti903 18:09   St2003 0:00   37063   EE   MAOU 1798   P-1798   Z-1101 Flare   1798-22   Oxford 1706	21130	5/18/03 22:05	5/19/03 20:15	2462C	EE	PEU 1792	P-1792	Emissions	F04	TOTAL VOCs	330.00	22.17	0.00
MAOULTP98   MAOULTP98   P-1798   Z-1101 Flare   1798-22   Mitrogen Dioxide   4.00	21143	5/19/03 18:09	5/20/03 0:00	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	634.00	5.85	133.57
STIPALT 18499   SC2003 0-000   TRIAS   DE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Nitrogen Oxide   S3.00		3/10 03 18:00	00.00 00.00	3785	er.	NAOU 1798	P-179%	Z-1101 Flare	1798-22	Nitrogen Dioxide	4.00	5.85	18.49
S1993 18:09   \$720/03 0:00 37663   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   TOTAL NOX   87.00   S1993 18:09   \$72003 0:00   37863   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Efflyiene   883.00   S1993 18:09   \$72003 0:00   3786;   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Efflyiene   883.00   S1993 18:09   \$72003 0:00   3786;   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Hoxene   7.00   S1903 18:09   \$72003 0:00   37063   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Ociono   6.00   S12003 20:45   S12303 20:45   S12303 20:45   S12303 20:45   S12303 20:15   37063   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   CO   255.00   S12303 20:45   S12303 20:15   37063   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Ociono   Oxide   2.00   S12303 20:45   S12303 20:15   37063   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Nitrogen Dioxide   2.00   S12303 20:45   S12303 20:15   37063   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Nitrogen Oxide   34.00   S12303 20:45   S12303 20:15   S1603   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Nitrogen Oxide   34.00   S12303 20:45   S12303 20:15   S1603   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   TOTAL NOX   36.00   S12303 20:45   S12303 20:15   S1603   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   TOTAL NOX   36.00   S12303 20:45   S12303 20:15   S1603   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Hoxene   7.00   S12303 20:45   S12303 20:15   S1603   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Hoxene   7.00   S12303 20:45   S12303 20:15   S1603   EE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Hoxene   7.00   S12303 20:45   S123	23	60/81 (0.61/6	\$/20/03 0:00	37/63	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	83.00	5.85	18,49
ST9931 R:09   S72003 Pc90   S7805   EE   NAOU 1798   P-1798   Z-1101 Plane   1798-22   Butene   6.00	21143	5/19/03 18:09	5/20/03 0:00	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	87.00	5.85	17.65
ST976/1 NAD9         SZUJOJ ORAD         TROS         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Ethylene         883.00           ST976/3 R5/9         S720/03 d-00         37063         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Hexene         7.00           S719/03 18:09         S720/03 d-00         37063         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Hexene         902.00           S723/03 20:45         S723/03 20:15         37063         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         TOTAL VOCS         902.00           S723/03 20:45         S723/03 22:15         37063         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Nitrogen Dioxide         2.00           S723/03 20:45         S723/03 22:15         37063         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Nitrogen Dioxide         2.00           S723/03 20:45         S723/03 22:15         37063         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Nitrogen Dioxide         34.00           S723/03 20:45         S723/03 22:15	12	5/19:03 18:09	220/03/05/00	3388	pro ben	NAOU 1798	P-J798	2-1101 Plarc	1798-22	Butenc	6.00	5.85	350.64
Scilorge 18:500         520-033 0-00         37/963         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Hexene         7.00           S.19/03 18:09         5/20/03 0:00         37/063         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         TOTAL VOCs         902.00           \$/19/03 18:09         5/20/03 20:15         37/063         EB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         TOTAL VOCs         902.00           \$/23/03 20:45         5/23/03 22:15         37/063         EB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         CO         255.00           \$/23/03 20:45         5/23/03 22:15         37/063         EB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Nitrogen Dioxide         2.00           \$/23/03 20:45         5/23/03 22:15         37/063         EB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Vitrogen Dioxide         34.00           \$/23/03 20:45         5/23/03 22:15         37/063         EB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         TOTAL NOX         36.00           \$/23/03 20:45         5/23/03 22:15	i i	5/19/03 18:09	5/20/03 03/0	37865	EE.	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	883.00	5.85	8.00
N. 19/01 Rehy         SYZMAS dub         17863         Ell         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Ociene         6.00           3         \$/19/03 18:09         \$/20/03 0:00         37063         BB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         TOTAL VOCs         902.00           1         \$/23/03 20:45         \$/23/03 22:15         37063         BB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         TOTAL VOCs         902.00           1         \$/23/03 20:45         \$/23/03 22:15         37063         BB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Nitrogen Dioxide         2.00           1         \$/23/03 20:45         \$/23/03 22:15         37063         BB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Nitrogen Dioxide         34.00           1         \$/23/03 20:45         \$/23/03 22:15         37063         BB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Mitrogen Dioxide         36.00           1         \$/23/03 20:45         \$/23/03 22:15         37063         BB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         B	3113	80.81 ONOTA	5/20/03 0:00	37965		NAOU 1798	P-1798	Z-1101 Flare	1798-22	Hexene	7.00	5.85	7.44
3 5/19/03 18:09 5/20/03 0:00 37063 HE NAOU1798 P-1798 Z-1101 Flare 1798-22 TOTAL VOCs 902.00 1 5/23/03 20:45 5/23/03 22:15 37063 HE NAOU1798 P-1798 Z-1101 Flare 1798-22 CO 255.00 255.00 1 5/23/03 20:45 5/23/03 22:15 37063 HE NAOU1798 P-1798 Z-1101 Flare 1798-22 Nitrogen Dioxide 2.00 255.00 25/23/03 20:45 5/23/03 22:15 37063 HE NAOU1798 P-1798 Z-1101 Flare 1798-22 Nitrogen Oxide 34.00 1 5/23/03 20:45 5/23/03 22:15 37063 HE NAOU1798 P-1798 Z-1101 Flare 1798-22 TOTAL NOX 36.00 1 5/23/03 20:45 5/23/03 22:15 37063 HE NAOU1798 P-1798 Z-1101 Flare 1798-22 Butone 6.00 1 5/23/03 20:45 5/23/03 22:15 37063 HE NAOU1798 P-1798 Z-1101 Flare 1798-22 Hexene 7.00 1 5/23/03 20:45 5/23/03 22:15 37063 HE NAOU1798 P-1798 Z-1101 Flare 1798-22 Hexene 7.00 1 5/23/03 20:45 5/23/03 22:15 37063 HE NAOU1798 P-1798 Z-1101 Flare 1798-22 TOTAL NOX 36.00 1 5/23/03 20:45 5/23/03 22:15 37063 HE NAOU1798 P-1798 Z-1101 Flare 1798-22 Hexene 7.00 1 5/23/03 20:45 5/23/03 22:15 37063 HE NAOU1798 P-1798 Z-1101 Flare 1798-22 TOTAL VOCs 363.00 1 5/23/03 20:45 5/23/03 22:15 37063 HE NAOU1798 P-1798 Z-1101 Flare 1798-22 TOTAL VOCs 363.00 1 5/23/03 20:45 5/23/03 22:15 37063 HE NAOU1798 P-1798 Z-1101 Flare 1798-22 CO 167.00 16	5	3.19/03 18:09	S/20/65 0:00	3.7063	m m	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Octene	6.00	5.85	0.47
1 5/23/03 20:45 5/23/03 22:15 37063 BB NAOU1798 P-1798 Z-1101 Flare 1798-22 CO 255.00   1 5/23/03 20:45 5/23/03 22:15 37063 EB NAOU1798 P-1798 Z-1101 Flare 1798-22 Nitrogen Dioxide 2.00   2.00	21143	5/19/03 18:09	5/20/03 0:00	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	902.00	5.85	358.62
	21441	5/23/03 20:45	5/23/03 22:15	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	S	255.00	1,50	133.57
N.73/03/2045   N.73	to E	5/23/03/20:45	5/23/03 22:15	37063	æ	NAOU 1798	P-J798	Z-1101 Flare	1798-22	Nitrogen Dioxide	2.00	1.50	18.49
1		5/23/03/20:45	5/23/03/22:15	37963	[ <del>*</del>	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	34.00	1.50	18,49
S/23/03/2045   S/23/03/22:15   37063   FE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Butone   6.00     S/23/03/2045   S/23/03/21:15   37063   FE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Ethylene   350.00     S/23/03/2045   S/23/03/21:15   37063   FE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Hoxene   7.00     S/23/03/2045   S/23/03/22:15   37063   FE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   TOTAL VOCs   363.00     S/23/03/217   S/20/03/4-79   37063   FE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   CO   167.00     S/23/03/217   S/20/03/4-79   37063   FE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Nitrogen Dioxide   1.00     S/23/03/217   S/20/03/4-79   37063   FE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Nitrogen Dioxide   22.00     S/23/03/217   S/20/03/4-79   37063   FE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Nitrogen Oxide   22.00     S/23/03/217   S/20/03/4-79   37063   FE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Nitrogen Oxide   22.00     S/23/03/217   S/20/03/4-79   37063   FE   NAOU 1798   P-1798   Z-1101 Flare   1798-22   Nitrogen Oxide   22.00     S/23/03/217   S/23/03/21	21441	5/23/03 20:45	5/23/03 22:15	37063	H3	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	36.00	1.50	17.65
5/23/05/20:45         5/23/05/20:45         5/23/05/20:45         5/23/05/20:35         3/20/05         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Ethylene         350.00           1         5/23/05/20:45         5/23/05/20:35         3/20:3         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Hexanc         7.00           1         5/23/03/20:45         5/23/03/20:15         37063         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         TOTAL VOCs         363.00           3         5/30/03/3:17         5/30/03/4:39         37063         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         CO         167.00           3         5/30/03/3:17         5/30/03/4:39         37063         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Nirogen Dioxide         1.00           5/30/03/3:17         5/30/03/4:39         37063         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Nirogen Dioxide         2.2.00           5/30/03/3:17         5/30/03/4:39         37063         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22		5/23/03/20:45	5 23/03 22:15	37063	(F)	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Butene	6.00	1.50	350.64
N.13.10. 20.45         S.23.03. 22.15         3.70 <sub>0.3</sub> HE         NA.OU 1798         P.1798         Z.1101 Flare         1798-22         Hexone         7.00           \$/23/03 20.45         \$/23/03 22:15         37063         HE         NA.OU 1798         P.1798         Z.1101 Flare         1798-22         TOTAL VOCs         363.00           \$/30/03 3:17         \$/30/03 4:39         37063         HE         NA.OU 1798         P.1798         Z.1101 Flare         1798-22         CO         167.00           \$/30/03 3:17         \$/30/03 4:39         37063         HE         NA.OU 1798         P.1798         Z.1101 Flare         1798-22         Nitrogen Dioxide         1.00           \$/30/03 4:31         \$/30/03 4:39         3/36/3         HE         NA.OU 1798         P.1798         Z.1101 Flare         1798-22         Nitrogen Oxide         22.00		5/23/03/20:45	5/23/03/22/15	37063	Ħ	NAOU 1798	P.1798	Z-1101 Flare	1798-22	Ethylene	350,00	1.50	8.00
5/23/03 20:45         5/23/03 22:15         37063         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         TOTAL VOCs         363.00           5/30/03 3:17         5/30/03 4:39         37063         EB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         CO         167.00           5/30/03 3:17         5/30/03 4:39         37063         EB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Nirogen Dioxide         1.00           5/30/03 3:17         5/30/03 4:39         37063         EB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Nirogen Oxide         22.00	Ē	25.00 PO.50	S03-03-05-15	37057	HI.	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Нехепе	7.00	1.50	7.44
5/30/03 3:17         5/30/03 4:39         37063         EB         NAOU 1798         P-1798         Z-1101 Flare         1798-22         CO         167.00           5/30/03 3:17         5/30/03 4:39         37063         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Nirogen Dioxide         1.00           5/30/03 3:17         5/30/03 4:39         3/36/3         EE         NAOU 1798         P-1798         Z-1101 Flare         1798-22         Nirogen Oxide         22.00	21441	5/23/03 20:45	5/23/03 22:15	37063	囲	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	363.00	1.50	358.62
\$\text{230}(0.3.3.17)         \$\text{30}(0.3.4.38)         \$\text{250}(0.3.4.38)         \$\text{1798}         \$\text{P-1798}         \$\text{Z-1101}   \text{Flare}         \$\text{1798-22}         \$\text{Mirogen Dioxide}         \$\text{2.00}           \$\text{570}(9.3.3.17)         \$\text{37}(0.3.4.38)         \$\text{37}(0.3.4.38)         \$\text{1798}         \$\text{P-1798}         \$\text{Z-1101}   \text{Flare}         \$\text{1798-22}         \$\text{Nirogen Oxide}         \$\text{2.00}	21683	5/30/03 3:17	5/30/03 4:39	37063	噩	NAOU 1798	P-1798	Z-1101 Flare	1798-22	8	167.00	1.37	133.57
539195 (2.110) Flare 1798-22 Nitrogen Oxide 22.00	1.053	5/30/03/3:17	57005 439	3.7063	TT.	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	1.00	1.37	18.49
	27665	5/30/05/2/17	5.30 GL 4.74	37963	=	Sect DOVN	864.174	Z-1101 Flare	1798-22	Nitrogen Oxide	22.00	1.37	18.49
2.168.3 5/30/03 3:17 5/30/03 4:39 37063 由 NAOU 1798 P-1798 Z-1101 Mare 1798-Z2 101AL NOX 23.00 1.37	21683	5/30/03 J·17	5/30/03 4:39	37063	ਬੁੰਬ	VAOI 1798	P-1798	7-1101 Flare	1708 22	TOTAT NO	33 OO	1 37	17 65

Table 1 - Violations of Hourly Limits

				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1					Amount		Reported
Tracking Number	Start Date and Time	End Date and Time	Authorization	Authorization Type of Event		Adittional Source Info/F/N	V Finission Point	2		Released		Emission Limit
1891	\$130%\\ 3.17	65.4 50.0E.5	37963	215 215	N.P.	864.1-d		1798-22	Вителе	7.00	1.37	350.64
2:537	7.15 E0.00.S	85.1 50.05.VS	37063	200	86.1 COVN	P-1798	Z-1101 Flare	1798-22	Ethylene	226.00	1.37	8.00
. T (S)	5/30/27 3/17	STANS ELE	177b/g/	ē	NAOC 1798	P-1798	Z-1101 Flare	1798-22	Hexene	8.00	1.37	7.44
2.083	5/30/23/51/7	2803 A.C.	47	m tr	NAOC 1788	P-1798	2 ) (01 Flare	1798-22	Остепе	7.00	7.27	0.47
21683	5/30/03 3:17	5/30/03 4:39	37063	ਬੁਬ	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	248.00	1.37	358.62
	:				F.K. 1792, Line		Fugilive, salety					
					5 Кезеця	J-1792	reliei system	F-75	Ethylene	425.00	0.03	7.35
22389	6/3/03 21:30	6/3/03 21:32	2462C	EE	PEU 1792, Line 5 Reactor	P-1792	Fugitive, safety relief system	F-75	TOTAL VOCs	425.00	0.03	7.35
							E-801 Cooling	9				
	T 51ES 50			hard hard	PER 1792	56217d	lower	1792-76	Ethylene	5340.00	53.70	3.47
22594	6/11/03 5:01	6/13/03 10:43	2462C	EE.	PEU 1792	P-1792	E-501 Cooling Tower	1792-76	TOTAL VOCs	5340 00	53.70	3 47
22647	6/15/03 1:15	6/15/03 2:21	37063	H	NAOU 1798	P-1798	Z-1101 Flare	1798-22	8	160.00	1.10	133.57
126 -	6/15/02 1:15	6/15/03 2:21	37963	72.1 [17]	NAOU 1798	F-1798	Z-1101 Flure	1798-22	Nitrogen Dioxide	2.00	1.10	18.49
77647	9/18/03/1/15	51.88.20	GAN.	(71)	NAOU 1798	8-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	21.00	1.10	18.49
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	23.00	1.10	17.65
13457	6/15/03 1:15	6/15/03/1:21	37963	T)	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Butene	7.00	1.10	350.64
725	SHI (1881)	545/03.221	3863	177	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	215.00	1.10	8,00
120	611 (0.51)	2130000	3363	lovy cost	Sect DOVN	P-1798	Z-1101 Plare	1798-22	Hexene	8.00	_ =	7.44
57	\$1:1 50/\$19	6139302)	3700	F	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Octene	7.00	I.10	0.47
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	237.00	1.10	358.62
23394	6/28/03 10:28	6/29/03 0:21	37063	EE	NAOU 1797	P-1791	Z-101 Flare	110	co	82.30	13.88	35.72
13344	6/28/03 10:28	6/29/05 0:21	37063	Ŧ	NAOU 1797	P-1791	Z-101 Flare	011	Nitrogen Dioxide	0.60	13.88	4.95
1393	6/28/03 10:28	. 62000 A.H	53663	m	NAOU 1797	P-1791	Z-101 Flare	011	Nitrogen Oxide	10.80	13.88	4.95
23394	6/28/03 10:28	6/29/03 0:21	37063	EB	NAOU 1797	P-1791	Z-101 Flare	110	TOTAL NOx	11.40	13.88	4.95
2393	228 03 1023	578/05 9:11	37063	E	NAOU 1797	P-1791	2-101 Flare	110	Ethylene	116.00	13.88	20.00
23394	6/28/03 10:28	6/29/03 0:21	37063	題	NAOU 1797	P-1791	Z-101 Flare	110	TOTAL VOCs	116.00	13.88	20.00
23630	7/5/03 3:38	7/5/03 3:50	1504A	Excess Opacity	Utilities, 1092	BF-801A	Boiler Stack	1592-10	Opacity	50.50%	0.20	15.00%
24350	7/17/03 17:28	7/18/03 1:58	46305	EE	PEU 1799	P-1799	FS-9004 Flare	1799-20	8	548.67	8.50	14.90
1. The second se	STATE SECTION	487F CM81 2	545		PI:U 1799	P-1799	FS-9004 Flare	1799-20	Nitrogen Dioxide	3.20	8.50	14.90
0510	2/17/03/17/3	12000 100	\$160	195 (T)	662.1 DBd	6621"d	FS-9004 Flare	1799-20	Nitrogen Oxide	60.79	8.50	14.90
24350	7/17/03 17:28	7/18/03 1:58	46305	Ħ	PEU 1799	P-1799	FS-9004 Flare	1799-20	TOTAL NOx	63.99	8.50	14.96
24350	7/17/03 17:28	7/18/03 1:58	46305	ŒE	PEU 1799	P-1799	FS-9004 Flare	1799-20	Opacity	\$0.00%	8.50	0.00%
\(\cdot\)	717.63 17.38	238238	4030	e.o.;	00.2.i F.3.d	P-1799	PS-9004 Flare	1799-20	Butanc	554.98	8.50	178.40
15	7/17/03/17/28	718/81158	4005	net Si	0621 OB4	P.1799	FS-9004 Flare	1799-20	Ethylene	17.85	8.50	178.40
1.03.65 60.65	7.17.50.517.28	218/8 Fig.	8.5	127	5621 NBd	P-1799	FS-9004 Flare	1799-20	Hexene	2.80	8.50	178.40
38697	7/17/01/17/08	70,8/00 1158	20 12 13 13 13 13 13 13 13 13 13 13 13 13 13	200	PEU 1790	P-1799	FS-9004 Flare	1799-20	Pentane	0.83	8.50	178.40
353	7/17/07:17:28	7/18/05 1/38	-53535	100	PEU 1799	P-1799	FS-9004 Flare	1799-20	Ргорапе	0.39	8.50	178.40
24350	7/17/03 17:28	7/18/03 1:58	46305	H	PEU 1799	P-1799	FS-9004 Flare	1799-20	TOTAL VOCs	576.85	8.50	178.40
: 53 13	7/18 (3-75)	7/18/03/13/06	15 55 75 75	700	PHU 1702	P.1792	Process Fugilives	F-75-G	Ethylene	-407,00	6.00	2.78
24382	7/18/03 7:00	7/18/03 13:00	46783	EE	PEU 1792	P-1792	Process Fugitives	F-75-G	TOTAL VOCs	407.00	6.00	2.28
24444	7/21/03 7:00	7/21/03 8:45	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	8	92.00	1.75	2.34
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7/21/07 7/90	72148 845	37693	 	NAOU 1797	01/275/45	SYS-740 Flare	136	Nitrogen Dioxide	2.00	1.75	1 7

Table 1 - Violations of Hourly Limits

38534 1458E	30534	30534	33	30534	30505	SPSOR	29880	OSNet	29880	NS AL	: [98][s	29880	26276			10.00	16776	26276	26276	3		26276	24898	10.00	24898	76857	14858	24898	24444	74444				24444	24444	Tracking Number
11/14/13/2:37	11/14/03 2:37	1448237	11/4/6/13/	11/14/03 2:37	11/12/03 5:00	. 11/13/03/5:00	10/26/03 19:00	10/26/03 19:00	10/26/03 19:00	10/26-33 [9-90	19/26/03 19:00	10/26/03 19:00	8/20/03 6:47	82000		8.79.03.9.47	8/20/03/6:47	8/20/03 6:47	8/20/03 6:47	3.70 S.000.8	V20:00 6:47	8/20/03 6:47	7/29/03 10:00	7/20/53 10/00	7/29/03 10:00	7.79/03 (0.00)	7/29/03 143/05	7/29/03 10:00	7/21/03 7:00	7/21/03 7:90	721-3 746	20140-200	721-3 500	7/21/03 7:00	7/21/03 7:00	Start Date and Time
11/14/03 4:46	11/14/03 4:46	95-5 (0/FL) I	11/14/07/4/46	11/14/03 4:46	11/12/03 14:30	10233 [4.8]	10/29/03 21:30	10/29/03 21:30	10/29/03 21:30	16/20/03 21:3v	10/29/03/21 30	10/29/03 21:30	8/20/03 12:02	X 200 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		\$170.03.15.45	3/20/03/12/02	8/20/03 12:02	8/20/03 12:02	80065 ESE	\$ 20/400 12-02	8/20/03 12:02	7/29/03 18:15	51313032	7/29/03 18:15	513415014515	2/20/03 18:15	7/29/03 18:15	7/21/03 8:45	721.415 8.4.5	7218345	7/21/01/8/45	72,003,848	7/21/03 8:45	721/03 8:45	End Date and Time
37063	37063	37063	37063	37063	2462C	34626	37063	37063	37063	77063	37706.5	370 <b>6</b> 3	1504A	Ya La		7	128.	1504A	1504A	1000	- Z	1504A	2462C	782	2462C	252	18.020 10.020	2462C	37063	3383	SWE	2766	37863	37063		Authortzation
EE	EВ	EF	575	ŒE	囲	<b>3</b>	EE	m	EE	67. 67.	772 777	표표	EE			121	PE F	EH	EE	rt; htt		EE	EE	FF1	EE	F	CAL PT	EE	EE	(77	33	(T)		ਸ਼ੁਸ਼	EE	Type of Event
NAOU 1798	NAOU 1798	NAOU 1798	NAOU 1798	NAOU 1798	PEU 1792	PEU 1792	NAOU 1798	NAOU 1798	NAOU 1798	NAOC 1798	NAOU 1798	NAOU 1798	EU 1592	E0 1592	5	2651 D3	2,951,03	EU 1592	EU 1592		7651781	EU 1592	PEU 1792	NAOU 1797	NAOU 1707	NAOU 1797	NAOU 1797	NAOU 1797	NAOU 1797							
P-1798	P-1798	P-1798	P-1798	P-1798	P-1792	P-1792	P-1798	P-1798	P-1798	P-1798	P-1798	P-1798	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1792	P-1792	P-1792	P-1792	F-1792	P-1792	SYS-740	Adittional Source info/FIN						
Z-1101 Flare	Z-1101 Flare	Z-1101 Flare	Z-1101 Flure	Z-1101 Flare	E-501 Cooling Tower	E-501 Cooling Tower	R-1209	R-1209	R-1209	R-1209	K-1209	R-1209	. Flare	Plare	- X	Flare	E lare	Flare	Flare	Flare	Flare	Flare	PEU 1792 Flare, Line 6 4#Hopper	PEU 1792 Flare, Line 6 4#Hopper	PEU 1792 Flare, Line 6 4#Hopper	PEU 1792 Flare, Line 6 4#Nopper	PEU 1792 Flare, Line 6 4#Hopper	PEU 1792 Flare, Line 6 4#Hopper	SYS-740 Flare		N. Emission Point					
1798-22	1798-22	1798-22	1798-22	1798-22	1792-76	1792-76	F-1798-30	F-1798-30	F-1798-30	F-1798-30	F-1798-30	F-1798-30	16	16	io	16	16	. 16	. 16	16	15	16	45, F-75	136	136	136	136	136	136	136	EPN					
Вителе	TOTAL NOx	Nitrogen Oxide	Nitrogen Dioxide	CO	TOTAL VOCs	Ethylene	TOTAL VOCs	Ethylene	TOTAL NOx	Nitrogen Oxide	Nitrogen Dioxide	СО	TOTAL VOCs	Propylene	Propane	Ethylene	Acetylene	Opacity	TOTAL NOx	Nitrogen Oxide	Nitrogen Dioxide	S	TOTAL VOCs	Ethylene	TOTAL NOx	Nitrogen Oxide	Nitrogen Dioxide	CO	TOTAL VOCs	Octeno	Hexene	Ethylene	Butene	TOTAL NOx	Nitrogen Oxide	Polluant
53.00	49.00	32.00	17.00	244.00	225.00	225.00	13163.00	13163.00	1.26	1.20	0.06	8.90	2766.50	1.86	1.86	2664.03	98.75	20.00%	375.10	356.40	18,70	2709.46	1124.20	1124.20	9.70	9.20	0.50	69.80	185.00	12.00	14.00	147.00	12.00	46.00	44.00	Amount Released (lbs)
2.15	2.15	2.15	2.15	2.15	9.50	9.50	74.50	74.50	74.50	74.50	74.50	74.50	5.25	5.25	5.25	5.25	5.25	5.25	5.25	Sick	5.25	5.25	8.25	8.25	8.25	8.25	8.25	8.25	1.75	1.75	1.75	1.75	1.75	1.75	1.75	Duration (hrs)
350.64	17.65	18.49	18.49	133.57	3.47	3.47	7.33	358.60	0.00	18.49	18.49	133.57	8222.00	8222.00	8222.00	8222.00	8222.00	0.00%	669.82	669.82	669.82	4837.93	19.70	19.70	3.20	3.20	3.20	23.30	0.01	0.00	0.00	4.90	0,00	0.05	1.17	Reported Emission Limit

CB-701 Flare         1592-16         CO         9254.98         382.92         731.14           CB-701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92         1795.72           CB-701 Flare         1592-16         Nitrogen Dioxide         64.07         882.92         10.01           CB-701 Flare         1592-16         Nitrogen Dioxide         1217.31         382.92         101.23           CB-701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92         101.23           CB-701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92         101.23           CB-701 Flare         1592-16         Nitrogen Oxide         807.74         382.92         1795.72           CB-701 Flare         1592-16         Opacity         50.00%         382.92         1795.72           CB-701 Flare         1592-16         Acctylenc         33.79         382.92         1795.72           CB-701 Flare         1592-16         Buttane         34.04         382.92         1795.72           CB-701 Flare         1592-16         Ethane         742.87         382.92         1795.72           CB-701 Flare         1592-16         Hexanc         36.44	P-1796 P-1592 CB-	EU 1592		12/17/03 17:53 12/17/03 17:53	11/24/03 1E:00 12/1/03 1E:58
701 Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         64.07         382.92           701 Flare         1592-16         Nitrogen Dioxide         1217.31         382.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         L3-Battadiene         807.74         382.92           701 Flare         1592-16         Acetlylene         33.79         382.92           701 Flare         1592-16         Benzene         488.92         382.92           701 Flare         1592-16         Benzene         488.92         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Butane         894.58         382.92           701 Flare         1592-16         Hexane         44.58         382.92           701 Flare         1592-16         Hexane         44.58         382.92		<b>103</b>		12/17/03 17:53 12/17/03 17:53	11/24/03 11.00 12/1/03 18:58
701 Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         382.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         L3-Batadiene         807.74         382.92           701 Flare         1592-16         Acetylene         33.79         382.92           701 Flare         1592-16         Benzene         488.92         382.92           701 Flare         1592-16         Benzene         34.04         382.92           701 Flare         1592-16         Buttene         894.58         382.92           701 Flare         1592-16         Buttene         894.58         382.92           701 Flare         1592-16         Hexene         44.58         382.92           701 Flare         1592-16         Hexene         44.58         382.92 <tr< td=""><td><b>X &amp; 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6</b></td><td></td><td></td><td>12/17/03 17:53 12/17/03 17:53</td><td>11/24/03 11:30  12/1/03 18:58</td></tr<>	<b>X &amp; 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6</b>			12/17/03 17:53 12/17/03 17:53	11/24/03 11:30  12/1/03 18:58
701 Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         64.07         382.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         L,3-Battadiene         807.74         382.92           701 Flare         1592-16         Benzene         488.92         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Butane         894.58         382.92           701 Flare         1592-16         Butane         894.58         382.92           701 Flare         1592-16         Butylone         2182.61         382.92           701 Flare         1592-16         Hexanc         36.44         382.92           701 Flare         1592-16         Hexanc         36.43         382.92 <t< td=""><td><b>\$ 9 8</b> 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8</td><td>1</td><td></td><td>12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53</td><td>11/24/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58</td></t<>	<b>\$ 9 8</b> 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1		12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53	11/24/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         382.92           701 Flare         1592-16         Nitrogen Dioxide         1217.31         382.92           701 Flare         1592-16         Nitrogen Dioxide         1217.31         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         Acetylene         33.79         382.92           701 Flare         1592-16         Banzene         488.92         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Butane         894.58         382.92           701 Flare         1592-16         Ethane         742.87         382.92           701 Flare         1592-16         Hexene         2182.61         382.92           701 Flare         1592-16         Hexene         49.63         382.92           701 Flare         1592-16         Melthane         1280.98         382.92     <	<b>* 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 </b>	7		12/17/03 17:53 12/17/03 17:53	11/24/03 18:58 12/1/03 18:58
701 Flare         1592-16         Eydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         382.92           701 Flare         1592-16         Nitrogen Dioxide         1217.31         382.92           701 Flare         1592-16         Nitrogen Dioxide         1217.31         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         Acetylene         33.70         382.92           701 Flare         1592-16         Banzene         488.92         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Butane         894.58         382.92           701 Flare         1592-16         Butane         742.87         382.92           701 Flare         1592-16         Butylone         2182.61         382.92           701 Flare         1592-16         Hexane         44.58         382.92           701 Flare         1592-16         Hexane         49.63         382.92 <td>\$ 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6</td> <td>200</td> <td></td> <td>12/17/03 17:53 12/17/03 17:53</td> <td>11/24/03 11:30 12/1/03 18:58</td>	\$ 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	200		12/17/03 17:53 12/17/03 17:53	11/24/03 11:30 12/1/03 18:58
701 Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         382.92           701 Flare         1592-16         Nitrogen Dioxide         1217.31         382.92           701 Flare         1592-16         Nitrogen Dioxide         1217.31         382.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         Acetylene         33.70         382.92           701 Flare         1592-16         Banzene         488.92         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Butane         894.58         382.92           701 Flare         1592-16         Butylone         2182.61         382.92           701 Flare         1592-16         Hexane         36.44         382.92           701 Flare         1592-16         Hexane         44.58         382.92	<b>288888888888888888888888888888</b>			12/17/03 17:53 12/17/03 17:53	11/24/03 11:30 12/1/03 18:58
701 Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         582.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         Acetylenc         33.79         382.92           701 Flare         1592-16         Butanc         34.04         382.92           701 Flare         1592-16         Hexanc         36.44         382.92	20000000000000000000000000000000000000			12/17/03 17:53 12/17/03 17:53	11/24/03 11:30 12/1/03 18:58
701 Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         582.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         L3-Butadiene         807.74         382.92           701 Flare         1592-16         Acetylene         33.79         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Hexane         2182.61         382.92	# # # # # # # # # # # # # # # # # # #			12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53	11/24/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
701 Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         582.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         Acetylenc         33.79         382.92           701 Flare         1592-16         Banzene         488.92         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Butane         894.58         382.92           701 Flare         1592-16         Butylone         36.44         382.92           701 Flare         1592-16         Hexane         36.44         382.92	2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			12/17/03 17:53 12/17/03 17:53	11/24/03 11:300 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
VOI Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         582.92           701 Flare         1592-16         Nitrogen Dioxide         1217.31         382.92           701 Flare         1592-16         Nitrogen Dioxide         1217.31         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         L3-Butadiene         807.74         382.92           701 Flare         1592-16         Acetylene         33.79         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Bithylene         382.92           701 Flare         1592-16         Bithylene         382.92           701 Flare         1592-16         Hexane         36.44         382.92           701 Flare	S 용 B B B B B B B B B B B B B B 장 모 B B B 장			12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53	11/24/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
701 Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         582.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         TOTAL NOX         1281.38         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         1,3-Butadiene         807.74         382.92           701 Flare         1592-16         Acetylene         33.79         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Butane         34.94         382.92           701 Flare         1592-16         Bidtylene         382.92           701 Flare         1592-16         Bidtylene         36.44         382.92           701	### ### ##############################			12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53	11/24/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
VII Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         582.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         TOTAL NOX         1281.38         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         1,3-Butadiene         807.74         382.92           701 Flare         1592-16         Acetyleine         33.79         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Butane         894.58         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Bithylone         36.44         382.92           701 Flare         1592-16         Bithylone         36.44         382.92	E G E G E G Z Z G B B Z C B B Z Z			12/17/03 17:53 12/17/03 17:53	11/24/03 11:00 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
701 Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         382.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         TOTAL NOX         1281.38         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         1,3-Butadiene         807.74         382.92           701 Flare         1592-16         Accelylene         33.79         382.92           701 Flare         1592-16         Butane         34.04         382.92           701 Flare         1592-16         Butene         894.58         382.92           701 Flare         1592-16         Butene         33.79         382.92           701 Flare         1592-16         Butene         394.58         382.92           701 Flare         1592-16         Butene         394.58         382.92				12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53	11/24/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
701 Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         382.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         TOTAL NOX         1281.38         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         1,3-Battadiene         807.74         382.92           701 Flare         1592-16         Acctylenc         33.79         382.92           701 Flare         1592-16         Buttanc         34.04         382.92           701 Flare         1592-16         Buttene         894.58         382.92           701 Flare         1592-16         Buttene         33.79         382.92           701 Flare         1592-16         Buttene         39.4         382.92           701 Flare         1592-16         Buttene         894.58         382.92	. 독 <b>영 영 영 영 영 영 영 영 영 영 영 영 영 영 영 영</b>			12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53	11/24/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
701 Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         382.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         TOTAL NOX         1281.38         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         1,3-Batadiene         807.74         382.92           701 Flare         1592-16         Acctylene         33.79         382.92           701 Flare         1592-16         Benzene         488.92         382.92           701 Flare         1592-16         Butene         894.58         382.92				12/17/03 17:53 12/17/03 17:53	11/24/03 11:00 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
701 Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nirogen Dioxide         64.07         382.92           701 Flare         1592-16         Nirogen Oxide         1217.31         382.92           701 Flare         1592-16         TOTAL NOX         1281.38         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         L <sub>3</sub> -Butadiene         807.74         382.92           701 Flare         1592-16         Acctylene         33.79         382.92           701 Flare         1592-16         Benzene         488.92         382.92           701 Flare         1592-16         Butene         34,04         382.92           701 Flare         1592-16         Butene         39.45.8         382.92           701 Flare         1592-16         Butene         39.45.8         382.92	<b>26888888888888888888888888888888888888</b>			12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53	11/24/03 11:00 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
701 Flare         1592-16         CO         9254-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         382.92           701 Flare         1592-16         Mitrogen Oxide         1217.31         382.92           701 Flare         1592-16         TOTAL NOx         1281.38         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         1,3-Butadiene         807.74         382.92           701 Flare         1592-16         Acctylenc         33.79         382.92           701 Flare         1592-16         Benzene         488.92         382.92           701 Flare         1592-16         Butane         34.04         382.92	<b>3 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8</b>			12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53	11/24/03 11:00 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
701 Flare         1592-16         CO         9234-98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         382.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         TOTAL NOx         1281.38         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         L3-Batadisne         807.74         382.92           701 Flare         1592-16         Acctylenc         33.79         382.92           701 Flare         1592-16         Banzene         488.92         382.92           701 Flare         1592-16         Banzene         488.92         382.92	<b>3</b> 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53	11/24/03 11:00 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
701 Flare         1592-16         CO         9234.98         382.92           701 Flare         1592-16         Hydrogen         364.26         382.92           701 Flare         1592-16         Hydrogen Sulfide         3.99         382.92           701 Flare         1592-16         Nitrogen Dioxide         64.07         382.92           701 Flare         1592-16         Nitrogen Oxide         1217.31         382.92           701 Flare         1592-16         TOTAL NOx         1281.38         382.92           701 Flare         1592-16         Opacity         50.00%         382.92           701 Flare         1592-16         1,3-Batadisne         807.74         382.92           701 Flare         1592-16         Acctylenc         33.79         382.92           701 Flare         1592-16         Banzenc         488.92         382.92	<b>5.00 00 00 00 00 00 00 00 00 00 00 00 00 </b>			12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53	11/24/03 11:30 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
1592-16         CO         9254-98         382.92           1592-16         Hydrogen         364.26         382.92           1592-16         Hydrogen Sulfide         3.99         382.92           1592-16         Nitrogen Dioxide         64.07         382.92           1592-16         Nitrogen Oxide         1217.31         382.92           1592-16         TOTAL NOx         1281.38         382.92           1592-16         Opacity         50.00%         382.92           1592-16         1,3-Butadiene         807.74         382.92           1592-16         Acetylene         33.79         382.92				12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53	11/24/03 11:00 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
1592-16         CO         9254.98         382.92           1592-16         Hydrogen         364.26         382.92           1592-16         Hydrogen Sulfide         3.99         382.92           1592-16         Nitrogen Dioxide         64.07         382.92           1592-16         Nitrogen Oxide         1217.31         382.92           1592-16         TOTAL NOx         1281.38         382.92           1592-16         Opacity         50.00%         382.92           1592-16         1,3-Butadiene         807.74         382.92				12/17/03 17:53 2/17/03 17:53 12/17/03 17:53 12/17/03 17:53 12/17/03 17:53	11/24/03 11:00 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
1592-16         CO         9254.98         382.92           1592-16         Hydrogen         364.26         382.92           1592-16         Hydrogen Sulfide         3.99         382.92           1592-16         Nitrogen Dioxide         64.07         382.92           1592-16         Nitrogen Oxide         1217.31         382.92           1592-16         TOTAL NOx         1281.38         382.92           1592-16         Opacity         50.00%         382.92				12/17/03 17:53 12/17/03 12/17/03 12/17/03 17:53 12/17/03 17:53	11/24/03 11:00 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
1592-16         CO         9254.98         382.92           1592-16         Hydrogen         364.26         382.92           1592-16         Hydrogen Sulfide         3.99         382.92           1592-16         Nitrogen Dioxide         64.07         382.92           1592-16         Nitrogen Oxide         1217.31         382.92           1592-16         TOTAL NOx         1281.38         382.92				12/17/03 17:53 12/17/03 17:53 12/17/03 12/17/03 17:53	11/24/03 11:00 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
1592-16         CO         9254.98         382.92           1592-16         Hydrogen         364.26         382.92           1592-16         Hydrogen Sulfide         3.99         382.92           1592-16         Nitrogen Dioxide         64.07         382.92           1592-16         Nitrogen Oxide         1217.31         382.92				12/17/03 17:53	12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
1592-16 CO 9254.98 382.92 1592-16 Hydrogen 364.26 382.92 1592-16 Hydrogen Sulfide 3.99 382.92 1592-16 Nitrogen Dioxide 64.07 382.92				12/17/03 17:53	12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
1592-16 CO 9254.98 382.92 1592-16 Hydrogen 364.26 382.92 1592-16 Hydrogen Sulfide 3.99 382.92				12/17/03 17:53	12/1/03 18:58 12/1/03 18:58 12/1/03 18:58 12/1/03 18:58
1592-16 CO 9254.98 382.92 1592-16 Hydrogen 364.26 382.92			1504A	120110001	12/1/03 18:58 12/1/03 18:58
1592-16 CO 9254.98 382.92			-	12/17/03 17:53	12/1/03 18:58
	FS		<u> </u>	12/17/03 17:53	OU.11 CO/#2/11
941 FIRITE 1/90-10A TOTAL VOCS 1480,00 /4,00	1 2	3 FEU 1/90		12/12/03 13 53	
34: Figre 1/90-10A HORAT VIOC 1480.00 /4,00	1-1/70 15-1			11/27/03 13.00	11/24/02 11.00
170. 170. 170. 170. 170. 170. 170. 170.				11.77.00 10.00	While so fit, ti
ALFIELD 1706-10 A TOTAL NION OF 30 74 00	7 7		1	11/27/03 13:00	11/24/03 11:00
1706. 10 A Nitrogram (Vy)da 01 40 74 ft)	Z (				
54) Flare 1796-10A Nitrogen Dioxide 4.90 74.00	33			11/27/03 (2.00)	11/24/03 [1]:00
541 Flare 1796-10A CO 489.00 74.00	P-1796 FS-5	PEU 1796	19027 EE	11/27/03 13:00	11/24/03 11:00
Cs 330.00 0.50	P-1798 Z-11	NAOU 1798	37063 EE	11/22/03 8:30	11/22/03 8:00
1798 Ethylene 330.00 0.50	P-1798 Z-11	NAOU 1798	37063 EE	14/23/03/8/30	11/22/07/8/90
01 Flare	P-1798 Z-11	NAOU 1798	37063 EE	11/22/03 8:30	11/22/03 8:00
101 Flare 1798 Nitrogen Oxide 30.00 0.50 17.00	P-1798 Z-11	: NAOU 1798	Tuo. SE	11/2/03/8/30	11/22/03/8:00
101 Flare 1798 Nitrogen Dioxide 2.00 0.50 17.00	P-1798 Z-11	NAOU 1798	3785)	17/22/03 8:39	11/22/45 8:000
101 Flare 1798 CO 235.00 0.50	P-1798 Z-11	NAOU 1798	37063 EE	11/22/03 8:30	11/22/03 8:00
1798-22 TOTAL VOCs 432.00 2.15	P-1798 Z-11	3 NAOU 1798	37063 EE	11/14/03 4:46	11/14/03 2:37
(01 Flare 1798-22 Octene 53.00 2.15 47.00	P-1798 Z-11	NAOU 1798	3763 EE	11/14/03 4:40	11/14/05 2:37
1798-22	P-1798 Z-11	NAOU 1798	37063 EX	11/14/03 4:46	(17) 4/03 2:37
101 Flare 1798-22 Ethylene 264.00 2.15	Z-1	ァ	37063 EE	11/14/03 4:46	11/14/03 2:37
sion Point EPN Pollutant (bs) (hrs)	Source Into/kIN Emis	Event Unit	Authorization Type of Event	Пше	Time
Duration Er			1	End Date and	OTAL Date and
Reported					Ctaut Data and

			3	1500 16	CB 701 Flave	CR_701 Flora	377	2	16044	4/5/04 18:00	4/1/04 13:30	3/501
85.09	101.50	206.00	TOTAL VOCs	1592-40	CB-710 Flare	P-1592	EU 1592	Shutdown	1504A	4/5/04 18:00	4/1/04 12:30	34589
85.09	101.50	0.50	Propylene	1592-40	CB-710 Flare	2,051-3	2651 (33	rangar S		7.246 (836)		2538
85.09	101.50	0.50	Propane	1592-40	('B-716 Flare	P-1507	EC 1592	Exception of	1000	14048088	6.7179.13	98989
85.09	101.50	200,00	Ethylene	1592-40	CB-710 Flate	2-1592	56.1.83					28.00
85.09	05.161	5,00	Acelylene	1292-40	CD-/HUPBER	27.7%	1000					
1795.72	05.101	14110.00	SOON TIVIOIS	1592-10	CB-/UI Flare	7, 12, 2 2, 12, 12, 12	EU 1392	TWODING	AFOCI	4/3/04 10.00	1/1/07 12.30	U#U09
1/95./2	101.30	200.00	WAIGH	1500 10	) 201 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 500	111100	2	1801	4/5/04 10,00	7/1/0/17	3/500
1702	101.00	200.00	V.1	71 5051	7.57 7.07 7.00	2 7 707	Fig. 407	2000				
1705 77	101 50	00 00%	Tiduono	1597-16		5.05						21 4 - 1
795.72	05.101	9000.00	Propylene	1592-16	3-791 Flare	77		4/2/				
[795.72	101.50	1000.00	Рторацо	1592-16	(32-70) Flanc	₩. X93	221 77 74 75 75			70		
1795.72	05.101	50.00	Propadiene	1592-16	(33-70) Flare	P.1593	2651 201			1 2 2 3 1 2 5 7		
1795.72	101.50	500.00	Pentane	1592-16	CB-701 Flare	P-1592	1592	MANOPHREE	- Sea	1/5/04   50/0	4/1/04 12:30	SAST.
1795,72	101.50	75.00	Methylacetylene	1592-16	(3-70) Flare	P-1592	7647.00	HAMPIELL		(S) W   C(V)	973140	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1/95./2	05.101	4000.00	Eunylene	01-760	OJE14 107-57	1-1392	EC 75%.	30000000				
1793.72	06.101	00.00	bucile	01-7661	C1) 701 F1	0 1500	2.15.16.20	. 140041			161 (0.00)	515
704	101 50	160.00	Butono	1505-16	£.12.701 F.Jana	P.1 707	50.1767	C.101150000	1.404.4	100.81.50%	171001740	:575
1795.72	101.50	300.00	Butane	1592-16	CB-701 Flare	P-1392	EU 1592	Simidown	15948	4/5/38 ( 8/6/5)	W1394 12:30	CASSE
1795.72	101.50	900.00	Велгепс	1592-16	CB-701 Flare	P-1592	5651 DB	1. Acoptes 5	2 2 2	(1) X 1 Y (1) X	4.1.01 (2.36)	24526
1795.72	101.50	25.00	Acetylene	1592-16	CB-701 Flare	P-1592	FU   502	Shidown	\$1000 E	4/5/10/18/18/18	F143 [33]	34589
1795.72	101.50	600.00	1,3-Butadiene	1592-16	CB-701 Flare	P-1592	EU 1592	Soutdown	1,544.5	43.04 1.05.5	W1/04 12:38	34550
4.95	1.67	00.801	IUIAL NOX	OII	Flare	SYS-/40	NAOU 1/9/	13	2/002	1/24/04 6:00	07:0 +0/47/1	11/100
0.05	1.0/	100.00	ADEXO USAGE	110	Figure	04/ -0 I C	NA OTT 1707		COURC	00.00	170.404.000	22777
0.01		100 00	Ni	110	EMAN.	5.55 J.M.	NAC 11767		2,400.5	100.0 70.10.1	00.5 103501	2 to 4 to 5
0.0	1 67	00 924	TOTAL VOC.	136	SYS-740 Flare	P-1797	NAOI 1797	E.F.	37063	1/24/04 8:00	1/24/04 6:20	33770
0.01	1 67	17.00	Octene	136	SYS-740 Flare	P-1797	NAOU 1797	rei Ins	37063	1.72-04-850	1/24/04/6/20	375
0.01	1.67	20.00	Hexene	136	SYS-740 Flare	P-1797	NAOU 1797	pres.	3.7063	1/24/64 8:(4)	1.74.04.6-20	100
0.01	1.67	382.00	Ethylene	136	SYS-740 Flare	P-1797	NAOU 1797	tan tan	3,706.5	1/24/04/8/00	1/24/11/20	3,5778
0.01	1.67	17.00	Butene	136	SYS-740 Flare	P-1797	NAOU 1797	TT.	37063	1/24/04 8:00	1/24/04/6/20	33770
79.71	1.67	40.00	TOTAL VOCs	110	Z-101 Flare	P-1797	NAOU 1797	EE	37063	1/24/04 8:00	1/24/04 6:20	33770
79.71	1.67	40.00	Ethylene	110	Z-101 Flare	P-1797	NAOU 1797	EF	37963	1/24/04 8(40	1:24/34 6:20	1,1770
7.37	0.07	437.00	TOTAL VOCs	F-75	Process Fugitives	P-1792	PEU 1792	EE	2462C	1/8/04 21:44	1/8/04 21:40	32974
7.37	0.07	437.00	Ethylene	F-75	Process Fugitives	ř-1792	PEU 1702	500	2400	1.844.51.74	1/8-44 21:40	17,67,1
2.28	0.83	236.00	TOTAL VOCs	F-75-G	Process Fugitives	P-1792	PEU 1792	EE	46783	12/24/03 0:30	12/23/03 23:40	32541
2.28	0.83	236.00	Ethylene	F-75-G	Process Fugitives	P-1792	PEU 1792	bring 2	46785		12:23 63 23:40	100 100 44
2.28	34,48	763.00	TOTAL VOCs	F-75-G	Process Fugitives	P-1792	PEU 1792	THE PARTY OF THE P	46783	12/20/03 4:40	12/18/03 18:11	32438
37.3	34.48	763.00	Ethylene	F-75-G	Process Fugitives	₽-1792	PEU 1792	7-1-	46785	12/20/03 4/43	15.815.18.11	56
85.09	382.92	720,44	TOTAL VOCs	1592-40	CB-/10 Flare	P-1392	FC 1342	<del>1</del>	1504A	22/17/03/1/23	9C:91 C0/1/71	51554
85.09	767.97	0.25	Propylene	04-7651	CB-/10 Flare	2,120	7651 04	1 6	10000		15.1705 18.27	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
85.09	582.92	0.13	Propane	00-7601	CB-/10 Figne	£-1391	7671 384	150			15.100.000	
85.09	382.92	240.26	Methane	1592-40	(3-710 Flare	2651-4	100 100	T.	1945		10/341 acs	5.35-
\$5.09	382.92	190.75	Bhylene	1592-40	CB-710 Plare	2-1593	EC 1502	577	1501.5	12/18/17/3	12/1/03 18:58	100 100 100 100 100
86.09	382.92	80.57	Ethane	1592-40	('5.710 Flare	7.1797	TRC1 013	Tr.	15043		C/1/02/18:58	
85.09	382.92	13.73	e	1592-40	CB-710 Flare	P-1592	2641 04	100	1504A	12/1//05 17:55	80:81 50/1/21	31334
85.09	382.92	194.75	Acetylene	1592-40	CB-710 Plare	P-1592	EU 1592		1.50/A	12/17/03 17:53	12/1/03 18:58	
0.04	382.92	93.55	TOTAL NOx	1592-40	CB-710 Flare	P-1592	EU 1592	73	1504A	12/17/03 17:53	12/1/03 18:58	51334
(lbs/hr)	(ars)		Pollutant	ETZ	37	Source Info/HLN	yat .	Authorization Type of Event	Authorization			Number
Emission Limit	Duration	Released				Adittional				End Date and	Start Date and	Tracking
•												

7										Amount		Reported
Number	Time	Time	Authorization	Authorization Type of Event		Source Info/FIN	Emission Point	EPN	Pollutant	(lbs)	(hrs)	(bs/hr)
10675	4/10/12/30	0048   10.5.9	White	nwopmer,	EU 1592	CB-701 Flare		1592-16	Nitrogen Dioxide	150.00	101.50	101.23
7 Sec.	(E.C. MWID)	27813624	3	Nama	EU 1592	CB-701 Flare	CB-701 Flure	1592-16	Nitrogen Oxide	2300.00	101.50	101.23
34591	4/1/04 12:30	4/5/04 18:00	1504A	Shutdown	EU 1592	CB-701 Flare	CB-701 Flare	1592-16	TOTAL NOx	2450.00	101.50	283.51
35198	2/20/04 0:45	2/20/04 1:00	37063	H	NAOU 1798	F-1798-30	Z-1101 Flare	1798-22	8	54.90	0.25	133.57
	2/20/04/04/8	724	3		NAOC 1/98	0(-%0.1-4	Z-1101 Flare	1798-22	Nitrogen Dioxide	0.40	0.25	64.81
1515%	2/30-14-045	18 ( 53.00.	77965	200	NACT TOR	F-1798-30	Z-1101 Flare	1798-22	Nitrogen Oxide	7.20	0.25	64'81
35198	2/20/04 0:45	2/20/04 1:00	37063	Œ	NAOU 1798	F-1798-30	Z-1101 Flare	1798-22	TOTAL NOx	7.60	0.25	17.65
36150	2/20/04/6/45	2/20/04 1-00	7.55.2	had or	NAOU 1798	F-1798-30	Z-1101 Flare	1798-22	Ethylene	77.20	0.25	358.60
35198	2/20/04 0:45	2/20/04 1:00	37063	EE	NAOU 1798	F-1798-30	Z-1101 Flare	1798-22	TOTAL VOCs	77.20	0.25	77.20
35198	2/20%)4 0.4%	(0:1 +0/05/2	37063	77	NAOU 1798	F-1798-30	R-1209	F-1798-30	Ethylene	4828.00	0.25	7.33
35198	2/20/04 0:45	2/20/04 1:00	37063 .	EE	NAOU 1798	F-1798-30	R-1209	F-1798-30	TOTAL VOCs	4828.00	0.25	7.33
# 85	2/20/14/7-47	7/20/07/7-41	JC98-C	7) T)	PER   1707	P-1792, Line 6	Line it is a sulint	E_74	Ethylene	40 × 00	A 0.3	7 77
35590	2/29/04 7:42	2/29/04 7:44	2462C	EE	PEU 1792	P-1792, Line 6 Reactor	Fugitive relief	F-75	TOTAL VOCs	425.00	0.03	7.37
24	3/21/5/4 9/25	22 W 1832	37063	250	NAOU 1797	P-1797	Z-101 Flare	110	Butene	28.83	9.45	79.71
37.83	3/21/04/9/25	3/21/04 18:52	37963	<b>3</b>	NAOU 1797	P-1797	Z-101 Flare	011	Decene	26.09	9,45	79.71
57 50 50 50	3/21/04 9:25	3/21/04 18:52	37063	crt fut	NAOU 1797	P-1797	Z-101 Flare	110	Dodecene	20.59	9,45	79.71
5-3 5-3 5-3 5-3 5-3	3/21/04/9/25	3/21/04 18/52	37063	T.	NAOU 1797	P-1797	Z-101 Flare	011	Hexene	32.95	9.45	79.71
171.E3	SE(6 MW1Z%	3.21104 (8.52	37065	[17]	NAOU 1797	P-1797	Z-101 Flure	110	Octene	28.83	9.45	79.71
37183	3/21/04 9:25	3/21/04 18:52	37063	ĦŒ	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL VOCs	137.29	9.45	79.71
37.25	3/21/04/9/25	5001850	3,7963	l::	NAOU 1797	P-1797	H-530 Heater	135	Butene	0.27	9,45	0.38
37183	3/21/04 9:25	3/21/04 18:52	37063	Œ	NAOU 1797	P-1797	H-530 Heater	135	TOTAL VOCs	0.27	9.45	0.38
32.83	3/21/04/9/25	25.812.2	37063	60) 615	NAOU 1797	P-1797	SYS-740 Flare	136	Butene	66.28	9.45	0.01
518	3/21/AH 9:25	3/21/3/4 18:52	3 7003	171	NAOU 1797	P-1797	SYS-740 Flare	136	Decene	2.89	9,45	0.01
75.85	3/21/04/9/25	3:219W 18:52	37063	TE CO	NAOU 1797	P-1797	SYS-740 Flare	136	Dodecene	1.02	9,45	0.01
7.5 25 7.5	3/21/04/9/25	32] 44 (85)	3.706.3	in the second	NAOU 1797	P-1797	SYS-740 Flare	136	Ethane	13.17	9.45	10.0
25.5	3/21/04 9:25	3:314H 18:52 ·	37063	P.	NAOU 1797	P-1797	SYS-740 Flare	136	Ethylene	363.27	9.45	10.0
13.5	3/21/04/9:25	721 53 18 52	37003	302 120 (*.	N4OU 1797	P-1797	SYS-740 Plare	136	Hexene	21.24	9.45	0.01
174.85	52-6 M.1.5.1	22/84/347	3.896.5	5-5-1 	NAOU 1797	7.1797	SYS-740 Flure	136	Octene	5,44	9,45	10.0
37183	3/21/04 9:25	3/21/04 18:52	37063	F	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL VOCs	473.31	9.45	0.01
37185	3/21/04 9:25	3/21/04 14:25	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	8	234.10	5,00	0.11
58163	3/21//4 0-25	)21(#15.E	1483		NAOU 1797	SYS-740	SYS-740 Flare	136	Nitrogen Dioxide	5.86	5.00	0.05
	STANCTOR	30 194 527	3764	<u> </u>	NAOU (707	SYS-740	SYS-740 Flare	136	Nitrogen Oxide	111.40	5.00	0.05
37185	3/21/04 9:25	3/21/04 14:25	37063	ЕБ	NAOU 1797	SYS-740	SYS-740 Flare	136	TOTAL NOx	117.26	5.00	0.05
37194	3/30/04 8:15	3/30/04 17:15	46305	EE	PEU 1799	VE-9003	Flare	1799-20	8	225.70	9.00	127,40
					68.6 F.Md	VII- 9003	Flave	1799-20	Nitrogen Diexide	1.30	9.00	14.90
	TONE SE				PER 1790	VE-9003	Tac	1799-20	Nitrogen Oxide	25.00	9.00	14.90
37194	3/30/04 8:15	3/30/04 17:15	46305	푠	PEU 1799	VE-9003	Flare	1799-20	TOTAL NOx	26,30	9.00	14.96
37194	3/30/04 8:15	3/30/04 17:15	46305	EE	PEU 1799	VE-9003	Flare	1799-20	Opacity	50.00%	9.00	0.00%
- 12		3707417	a. A		PEU 1746	5006-37A	Flace	1799-20	Butane	409.00	9.00	178.40
		7. 7. 7. 7.	1964		PEU 1799	VE-9003	Flare	1799-20	Ethylene	4.00	9,00	178.40
			248	1900	5071133g	7000-37V	Flare	1799-20	Hexene	2.00	9.00	178,40
	The same of the sa		The second secon		and the state of t					Commence and the same state of the same of		And the second consistency of the second

Table 1 - Violations of Hourly Limits

Liobane	opauc	opane ev.54	
1502-16	1502-16	1502_IA	1 SO2-16 Departs
1592-16	1592-16	1592-16	1592-16 Pentene 82.44
(3)-701 Flare 1592-16 Pentane	1592-16	1592-16	1592-16 Pentane
	1592-16 P	1592-16	1592-16 Propadienc
CB-701 Flare 1592-16 Hexene	1592-16	1592-16 Hexene	1592-16 Hexene 3.92
CB-701 Flare 1592-16 Hexane	1592-16	1592-16	1592-16 Hexane 42.25
1592-16	1592-16	1592-16 Ethylene	1592-16 Ethylene 7780.53
	1592-16	1592-16 Butenc	1592-16 Butene 1634.12
CB-701 Plare 1592-16 Butane	1592-16	1592-16 Butane	1592-16 Butane 175.59
1592-16 Benzene			Benzene
1592-16 Acctylene			Acetylene
1592-16 1,3-Butadier	1592-16 1,3-Butadiene	ļ 1	1,3-Butadiene
F-130 TOTAL VO	F-130 TOTAL VOCs		TOTAL VOCs 690.00
F-130 Hexene			Hexene 221.00
Process Fugitives F-130 Ethylene	F-130	F-130 Ethylene	F-130 Ethylene 306.00
F-130 Butene			Butene
136 TOTAL VO	77	TOTAL VOCs	TOTAL VOCs 63.91
136 Hexene	. :	. :	Hexene 2.17
136 Ethylene			Ethylene
136 Butene			Butene 8.58
	Ħ	TOTAL VOCs	TOTAL VOCs 430.62
-		Hexene	Hexene 168.55
110 Ethylene		Ethylene	Ethylene i 37.53
110 Butene		Butene	Buterie 124,54
	1798-22 TOTAL VOCs		TOTAL VOCs
ເວັ		Ethylene	Ethylene 412.48
	136 TOTAL VOCs		TOTAL VOCs 510.20
		Octene	Octene 62.50
		Hexene	Hexene 72.90
		Ethylene	Ethylene 312.30
		Butene	Butene 62.50
136 TOTAL NO		TOTAL NOx	TOTAL NOx 113.70
136 Nitrogen Oxi			Nitrogen Oxide 108.00
136 Nitrogen Diox	136 Nitrogen Dioxide		Nitrogen Dioxide
136 CO	AA	AA	8
136 TOTAL VO	136 TOTAL VOCs		TOTAL VOCs
136 Octene			Octene
136 Hexene			Hexene
136 Ethylene			Ethylene
136 Butene	A manufacture of the second of the second of	A manufacture of the second of the second of	Butene
	136 TOTAL NOx		TOTAL NOx 117.00
136 Nitrogen Diox	136 Nitrogen Dioxide		Nitrogen Dioxide
		Nirric Oxide	Nitric Oxide 115.00
		CO	CO 234.00
	Follurant	Follucant	Louis (foil)
The state of the s			Released (he)

43100	3500	13188	42412		1213	42412	42411		.0	41928		41928	1.3.72	21928	41928	338	2	41928	41802	12 13 15	41802	2 2 3	- 1.5 - 1.5	41802	41801	÷	7-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2	41801	41800		## 	46	41800	7	111111111111111111111111111111111111111	41800	41800	##   12   25	56	100	1000	40906	COCH	Number	Tracking
7/20/04 12:00	7/20/04 12:00	7/20/14 12:00	7/8/04 15:20	2851 Li20	7/8/04 15/20	7/8/04 15:20	7/8/04 15:20	78-04 (5/20	7 8/04 15:24	6/28/04 19:30	52874 (938	6/28/04 19:30	0/28/10/119/30	6/2%-0 × 19170	6/28/04 19:30	0.28/03 (9.10	0/28/11/16/36	6/28/04 19:30	6/25/04 14:23	6.25.04 (4.23	6/25/04 14:23	625-04-0423	5/25/93 14/23	6/25/04 14:23	6/25/04 9:20	6/23/04 9:20	6/25/04/9:20	6/25/04 9:20	6/25/04 9:20	6/25/04/9/200	6/25/04/9/20	5/25/01/9-20	6/25/04 9:20	@75.03 0;70	603504 9.20	6/25/04 9:20	6/25/04 9:20	24 14 15 15 15 17	3.75 04 9.70	52504 920	\$25 D1 920	6/7/04 20:19	6/1:02 1:01 to	Time	Start Date and
7/20/04 21-00	7.20/04 21:00	7.2044-2150	7/8/04 20:47	220 2017	2F37 F6.84	7/8/04 20:47	7/8/04 20:47	- 100 Mag	7897 70 :	7/3/04 12:00	3351 54K:	7/3/04 12:00		23,200 1200	7/3/04 12:00	3344 1246	T 374 )240	7/3/04 12:00	6/25/04 17:58	52504 1758	6/25/04 17:58	92544 1758	62594 17.38	6/25/04 17:58	6/25/04 14:45	605/04 14/5	6/25/04 14/45	6/25/04 14:45	6/25/04 14:45	537 FA	\$234 A.U	5/25/04/3/45	6/25/04 14:45	VI 11 1462.0	\$250k 1a, 50	6/25/04 14:45	6/25/04 14:45	10 17 13 15	2002	6259414:45	E3504 III65	6/7/04 20:26	5/7:04:20-25	Time	End Date and
1504A	VENT	YMX	37063	2002	1745	37063	37063	136.		37063		37063	3786	5.3%2	37063	[ [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [	3000	37063	46305	25303	46305	4835	46365	46305	1504A	1504A	1804.5	1504A	1504A	1504,4	50 52 34	304	1504A	1300	10000	1504A	1504A	7			W.	37063	374)473	Authorization	
핅	E		EE	112	70	Œ	ĦŦ	F	Æ	EE		EE	C.	er:	EE	S are w.	273 271	EE	EE	775	EE	ener ener ener	<b></b>	EE	EB	m: tr:	E	EE	EE	en ne	(2)	PS In	EE	1-2-4 1-7-	Twing	EE	EE	75		re tr		EE	TC TC	Type of Event	
Utilities 1092	Utilities 1092	Utilities 1992	NAOU 1798	NA. W. 1798	NAOU 1798	NAOU 1798	NAOU 1798	NAOU 1708N	9 Z.L. 160 V.N.	NAOU 1798	Soli nova	NAOU 1798	NACIU 17es	NAOU 1798	NAOU 1798	NAOU 1798	86.1 (BVN	NAOU 1798	PEU 1799	PEU 1799	PEU 1799	6621 MBa	PEU 1799	PEU 1799	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	2651 DR	EC 1592	EU 1592	2001/03	EU 1592	EU 1592	EU 1592	307 1507	EE : 1392	2651.38		NAOU 1797	NAOU 1797	Unit	
BF-801A	BF-801A	BF-801A	Z-1101	2-1101	Z-1101	Z-1101	P-1798	P-1798	12-179%	P-1798	P-1798	P-1798	P-1798	P-1798	P-1798	P-1798	P-1798	P-1798	P-1799	P-1799	P-1799	P-1799	P-1799	P-1799	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1393	₽-1592	P-1592	5-1592	P-1797	P-1797	Source Info/FIN	Adittional
RF-801 A Stack	BF-801A Stack	BF-801A Stack	Z-1101 Flare	Z-1101 Flure	Z-1101 Flure	Z-1101 Flare	Z-1101 Flare	Z-110) Place	Z-1101 Flare	Process Fugitives	Process Fugitives	Z-1101 Flare	2-1101 Plane	2-1101 Flare	Z-1101 Flare	Z-1101 Flare	Z-110) Flare	Z-1101 Flare	FS-9004 Flare	FS-9004 Flare	FS-9004 Flare	FS-9004 Flare	FS-9004 Flare	FS-9004 Flare	CB-701 Flare	CB-701 Flure	CB-701 Flare	CB-701 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-710 Plare	CB-710 Flare	CB-710 Flare	CB-701 Flare	CB-701 Flare	(B-70) Flare	('B-701 Flure	CB-701 Flare	Fugitives		Emission Point	
1500 10	1592-10	1592-10	1798-22	1798-22	1798-22	1798-22	1798-22	1798-22	1798-22	F-1798-30	F-1798-30	1798-22	1798-22	1798-22	1798-22	1798-22	1798-22	1798-22	1799-20	1799-20	1799-20	1799-20	1799-20	1799-20	1592-16	1592-16	1592-16	1592-16	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-16	1592-16	1592-16	1592-16	1592-16	F-130	F-130	EPN	
YOU IATOT	Nitrogen Dioxide	Nitric Oxide	TOTAL NOx	Nitrogen Dioxide	Nitric Oxide	CO	TOTAL VOCs	Ethylene	Butene	TOTAL VOCs	Ethylene	TOTAL VOCs	Hexene	Ediylene	TOTAL NOx	Nitrogen Dioxide	Nitric Oxide	CO	TOTAL VOCs	Ethylene	TOTAL NOx	Nitrogen Dioxide	Nitric Oxide	CO	TOTAL NOx	Nitrogen Dioxide	Nitric Oxide	ප	TOTAL VOCs	Propylene	Ethylene	Acetylene	TOTAL NOx	Nitrogen Dioxide	Nitrie Oxide	6	TOTAL VOCs	Propylene	Propane	Ethylene	Acctylenc	TOTAL VOCs	Ethylene	Pollutaut	
12770	6.38	121.32	391.00	20.00	371.00	2823.00	3901.00	3861.00	40.00	2979.61	2979.63	1232.63	1143.32	. 89.31	61.76	3.09	58.67	446.10	121.90	121.90	15.80	0.70	15.10	135.90	359.49	17,97	341.52	2596.49	58.49	0.02	1.25	57.22	10.99	0.55		79.40	2483.27	7.23	6.15	2480,87	0.02	728.00	728.00	(Ibs)	Amount Released
9	9.00	9.00	5.45	5.45	5.45	5.45	5.45	5.45	5.45	112.50	112.50	112.50	112.50	112.50	112.50	112.50	112.50	112.50	3.58	3,58	3.58	3.58	3.58	3.58	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	0.12	0.12	(hrs)	Duration
11824	59.02	59.02	17.65	17.65	17.65	127.51	358.62	358.62	358.62	7.33	7.33	358.62	358.62	358.62	17.65	17.65	17.65	127.51	178.40	178.40	14.96	14.90	14.90	127.40	283.51	283.51	283.51	2047.71	0.02	0.02	0.02	0.02	0.04	0,04	0.04	0.32	3150.43	3150.43	3150.43	3150.43	3150.43	5.67	5.67	(lbs/lir)	Reported Emission Limit

Mitric Oxide         35.30           Nitrogen Dioxide         1.86           TOTAL NOx         37.16           Acetylene         64.41           Hithylene         79.92           Propame         0.09           Propylene         0.09           TOTAL VOCs         144.45           CO         6170.21           Nitric Oxide         811.57           Nitrogen Dioxide         42.71           TOTAL NOX         854.28           Methylacetylene         158.00           Propaditene         122.00           Propylene         2020.00           Propylene         2020.00           Propylene         2020.00           OCO         2636.00           Nitric Oxide         347.00           Nitrogen Dioxide         18.00           TOTAL NOX         365.00           Nitric Oxide         14.96	CB-710 Flare 1592-40 CB-701 Flare 1592-16	P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 CB-701 Flare (33-70) Faire (33-70) Flare	BU 1592		1504A 1504A 1504A 1504A 1504A 1504A 1504A 1504A 1504A 1504A 1504A	7722/04   7-44 7722/04   7-44 7722/04   7-44 7722/04   7-44 7722/04   7-44 7722/04   7-44 7726/04   3:00 7726/04   3:00 7726/04   3:00 7726/04   3:00 7726/04   3:00 7726/04   3:00 7726/04   3:00 7726/04   3:00	7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30 9/1/04 19:05	43142 43142 43143 43143 43143 43299 43299 43299 43300 43300
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOX         37.16         24.82           Acetylene         64.41         24.82           Ethylene         79.92         24.82           Propylene         0.03         24.82           Propylene         0.09         24.82           Propylene         0.09         24.82           DOTAL VOCs         144.45         24.82           Nitrogen Dioxide         811.57         24.82           Nitrogen Dioxide         42.71         24.82           Methylacotylene         158.00         30.50           Propadiene         122.00         30.50           Propylene         2020.00         30.50           Nitrogen Dioxide         347.00         30.50           Nitrogen Dioxide         347.00         30.50           Nitrogen Dioxide <t< td=""><td>710 Flare 710 Flare 710 Flare 710 Flare 710 Flare 710 Flare 710 Flare 701 Flare</td><td>P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 CB-701 Flare (33-70) Faire (33-70) Flare (33-70) Flare (33-70) Flare (33-70) Flare (33-70) Flare (33-70) Flare (33-70) Flare</td><td>BU 1592 BU 1592</td><td></td><td>1504A 1504A 1504A 1504A 1504A 1504A 1504A 1504A 1504A 2462C</td><td>7722/04   7-44 7722/04   7-44 7722/04   7-44 7722/04   7-44 7722/04   7-44 7722/04   7-44 7726/04   3:00 7726/04   3:00 7726/04   3:00 7726/04   3:00 7726/04   3:00 7726/04   3:00 7726/04   3:00</td><td>7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30 9/1/04 19:05</td><td>43142 43142 43143 43143 43143 43299 43299 43299 43299</td></t<>	710 Flare 701 Flare	P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 CB-701 Flare (33-70) Faire (33-70) Flare	BU 1592		1504A 1504A 1504A 1504A 1504A 1504A 1504A 1504A 1504A 2462C	7722/04   7-44 7722/04   7-44 7722/04   7-44 7722/04   7-44 7722/04   7-44 7722/04   7-44 7726/04   3:00 7726/04   3:00 7726/04   3:00 7726/04   3:00 7726/04   3:00 7726/04   3:00 7726/04   3:00	7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30 9/1/04 19:05	43142 43142 43143 43143 43143 43299 43299 43299 43299
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOX         37.16         24.82           Acetylene         64.41         24.82           Bildylene         64.41         24.82           Propylene         0.03         24.82           Propylene         0.09         23.82           IOTAL VOCs         6170.21         24.82           Nitrogen Dioxide         42.71         24.82           Nitrogen Dioxide         42.71         24.82           Methylacetylane         158.00         30.50           Propydiene         122.00         30.50           Propydiene         2020.00         30.50           Propydiene         2020.00         30.50           Propydiene         2020.00         30.50           Propydiene         2020.00         30.50           Nitrogen Dioxide         18.00         30.50           Nitrogen Dioxide         18.00 <td>7.10 Flane 7.10 Flane 7.01 Flane</td> <td>P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 CB-701 Flare (33-70) Fine (33-70) Fine</td> <td>EU 1592 EU 1592</td> <td></td> <td>1504A 1504A 1504A 1504A 1504A 1504A 1504A 1504A</td> <td>7.72.04   7.44 7.72.04   7.44 7.72.04   7.44 7.72.04   7.44 7.72.04   7.44 7.72.04   7.44 7.72.04   7.44 7.72.04   7.44 7.72.04   3.00 7.72.04   3.00 7.72.04   3.00 7.72.04   3.00 7.72.04   3.00</td> <td>721/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30</td> <td>43142 43143 43100 43300</td>	7.10 Flane 7.01 Flane	P-1592 CB-701 Flare (33-70) Fine	EU 1592		1504A 1504A 1504A 1504A 1504A 1504A 1504A 1504A	7.72.04   7.44 7.72.04   7.44 7.72.04   7.44 7.72.04   7.44 7.72.04   7.44 7.72.04   7.44 7.72.04   7.44 7.72.04   7.44 7.72.04   3.00 7.72.04   3.00 7.72.04   3.00 7.72.04   3.00 7.72.04   3.00	721/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30 7/25/04 6:30	43142 43143 43100 43300
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           IOTAL NOX         37.16         24.82           Acetylene         64.41         24.82           Bildylene         79.92         24.82           Propame         0.03         24.82           Propylene         0.09         23.82           Propylene         0.09         23.82           IOTAL VOCs         144.45         24.82           Nitric Oxide         811.57         24.82           Nitrogen Dioxide         42.71         24.82           Methylacetylene         158.00         30.50           Propadiene         122.00         30.50           Propanic         1466.00         30.50           Propalene         202.00         30.50           Nitrogen Dioxide         347.00         30.50           Nitrogen Dioxide         18.00	7.10 Flare 7.01 Flare	P-1592 CB-701 Flare	BU 1592		1504A 1504A 1504A 1504A 1504A 1504A	7726/04 13:00 7726/04 13:00 7726/04 13:00 7726/04 13:00	7/21/04 16:55 7/21/04 16:55	43142 43142 43143 43143 43100 43300
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           IOTAL NOX         37.16         24.82           Acetylene         64.41         24.82           Billytene         79.92         24.82           Propanie         0.09         24.82           Propylene         0.09         24.82           Propylene         0.09         24.82           IOTAL VOCs         144.45         24.82           Nifric Oxide         811.57         24.82           Nifrigen Dioxide         42.71         24.82           Nifrigen Dioxide         42.71         24.82           Methylacetylene         158.00         30.50           Propadiene         122.00         30.50           Propadiene         126.00         30.50           Propadiene         2020.00         30.50           Propadiene         2020.00         30.50           Propadiene         2020.00         30.50           Nitroten Dioxide         347.00         30.50           Nitroten Dioxide         347.00         30.50	7.10 Flare 7.11 Flare	P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 CB-701 Flare (33-70) Faire	EU 1592		1504A 1504A 1504A 1504A 1504A 1504A 1504A	7722/04   7:44 7722/04   7:44	7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55	43142 43143 43143 43100
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOx         37.16         24.82           Acetylene         64.41         24.82           Bithylene         79.92         24.82           Propane         0.09         24.82           Propylene         0.09         24.82           Propylene         0.09         24.82           Nitric Oxide         811.57         24.82           Nitrogen Dioxide         42.71         24.82           Nitrogen Dioxide         30.50         30.50           Propadiene         122.00         30.50           Propadiene         122.00         30.50           Propadiene         2020.00         30.50           Propadiene         2020.00         30.50           Propadiene         2020.00         30.50           Nitrogen Oxide	710 Flare 701 Flare	P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 CB-701 Flare (33-79) Mare (CB-701 Flare (21-79) P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 CB-701 Flare (33-79) Mare	EU 1592		1504A 1504A 1504A 1504A 1504A 1504A 1504A	7.22/04   7.44 7.22/04   7.44 7.22/04   7.44 7.22/04   7.44 7.22/04   7.44 7.22/04   7.44 7.22/04   7.44 7.26/04   3.00 7.26/04   3.00 7.26/04   3.00	7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55	43142 43143 43143 43143 43143 43143
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOx         37.16         24.82           Acetylene         64.41         24.82           Ethylene         79.92         24.82           Propane         0.03         24.82           Propare         0.09         24.82           Propare         144.45         24.82           OO         6170.21         24.82           Nitrogen Dioxide         811.57         24.82           Nitrogen Dioxide         42.71         24.82           Nitrogen Dioxide         42.71         24.82           Methylacetylene         158.00         30.50           Propadiene         122.00         30.50           Propadiene         122.00         30.50           Propylene         2020.00         30.50           Propylene         2020.00         30.50           Propylene         2020.00         30.50           Popale         2020.00         30.50	710 Flare 710 Flare 710 Flare 710 Flare 710 Flare 710 Flare 701 Flare	P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 CB-701 Flare (33-701 Flare (33-701 Flare (33-701 Flare) P-1592	BU 1592		1504A 1504A 1504A 1504A 1504A	7/26/04 17:44 7/22/04 17:44 7/22/04 17:44 7/22/04 17:44 7/22/04 17:44 7/22/04 17:44 7/26/04 13:00 7/26/04 13:00	7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55	43142 43143 43143 431299
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOX         37.16         24.82           Acetylene         64.41         24.82           Ethylene         79.92         24.82           Propane         0.03         24.82           Propylene         0.09         24.82           Propylene         144.45         24.82           CO         6170.21         24.82           Nitric Oxide         811.57         24.82           Nitrogen Dioxide         42.71         24.82           Methylacetylene         158.00         30.50           Propanic         1466.00         30.50           Propanic         1466.00         30.50           Prophylene         2020.00         30.50	710 Flare 701 Flare	P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 CB-701 Flare (33-701 Fl	BU 1592		1504A 1504A 1504A 1504A	7/22/04   7 :44 7/22/04   7 :44 7/22/04   7 :44 7/22/04   7 :44 7/22/04   7 :44 7/22/04   7 :44 7/22/04   7 :44 7/26/04   7 :49 7/26/04   7 :49	721/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55	43142 43143
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOX         37.16         24.82           Axerylene         64.41         24.82           Ethylene         79.92         24.82           Propylene         0.03         24.82           Propylene         0.09         24.82           Propylene         144.45         24.82           CO         6170.21         24.82           Nitric Oxide         811.57         24.82           Nitrogen Dioxide         42.71         24.82           TOTAL NOx         854.28         24.82           Methylacetylene         158.00         30.50           Propadiene         122.00         30.50           Propylene         1466.00         30.50	710 Flare 701 Flare	P-1592	BU 1592		1504A 1504A 1504A 1504A 1504A	7722/04   7 .44 7722/04   7 .44 7722/04   7 .44 7722/04   7 .44 7722/04   7 .44 7722/04   7 .44 7722/04   7 .44 7722/04   7 .44	72104 16:55 772104 16:55 772104 16:55 772104 16:55 772104 16:55 772104 16:55 772104 16:55 772104 16:55	43142 43143
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOX         37.16         24.82           Acetylene         64.41         24.82           Ethylene         79.92         24.82           Propylene         0.03         24.82           Propylene         0.09         23.82           Propylene         144.45         24.82           CO         6170.21         24.82           Nitric Oxide         811.57         24.82           Nitrogen Dioxide         42.71         24.82           TOTAL NOx         854.28         24.82           Methylacetylane         158.00         30.50           Propadiene         122.00         30.50		P-1592	EU 1592		1504A 1504A 1504A 1504A 1504A	7722/04   7 .44 7722/04   77.44 7722/04   77.44 7722/04   77.44 7722/04   77.44 7722/04   77.44 7722/04   77.44	721/04 16:55 7721/04 16:55 7721/04 16:55 7721/04 16:55 7721/04 16:55 7721/04 16:55	43142 43143
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOx         37.16         24.82           Acetylene         64.41         24.82           Ethylene         79.92         24.82           Propane         0.03         24.82           Propylene         0.09         24.82           Propylene         0.09         24.82           Propath VOCs         144.45         24.82           CO         6170.21         24.82           Nitric Oxide         811.57         24.82           Nitrogen Dioxide         42.71         24.82           TOTAL NOx         854.28         24.82           Methylacetylene         158.00         30.50           Propadlene         122.00         30.50		P-1592	EU 1592		1504A 1504A 1504A 1504A	7722/04   7 .44 7722/04   77.44 7722/04   77.44 7722/04   77.44 7722/04   77.44 7722/04   77.44	7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55	43142 43143
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOx         37.16         24.82           Acetylene         64.41         24.82           Ethylene         79.92         24.82           Propane         0.03         24.82           Propylene         0.09         24.82           Propylene         0.09         24.82           Propylene         0.109         24.82           Nifric Oxide         811.57         24.82           Nifrigen Dioxide         42.71         24.82           Nitriogen Dioxide         42.71         24.82           Methylacetylane         158.00         30.50		P-1592	EU 1592		1504A 1504A 1504A 1504A	7/22/04   7 .44 7/22/04   7 .44 7/22/04   7 .44 7/22/04   7 .44 7/22/04   7 .44 7/22/04   7 .44	7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55	43142 43143
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOx         37.16         24.82           Acetylene         64.41         24.82           Ethylene         79.92         24.82           Propane         0.03         24.82           Propylene         0.09         23.82           Propylene         144.45         24.82           O         6170.21         24.82           Nifric Oxide         811.57         24.82           Nifrogen Dioxide         42.71         24.82           TOTAL NOx         854.28         24.82		P-1592	EU 1592		1504A 1504A 1504A 1504A	7722/04   7.44 7722/04   7.44 7722/04   7.44 7722/04   7.44 7722/04   7.44	7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55	43142 43143
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOX         37.16         24.82           Acetylene         64.41         24.82           Ethylene         79.92         24.82           Propane         0.03         24.82           Propylene         0.09         23.82           Propylene         144.45         24.82           O         6170.21         24.82           Nifric Oxide         811.57         24.82           Nitrogen Dioxide         42.71         24.82		P-1592 CB-701 Flare (13-70) Faire	EU 1592 EU 1592 EU 1592 EU 1592 EU 1592 EU 1592 EU 1592	EB	1504A 1504A 1504A	7722/04   7 /4 7722/04   7 /4 7722/04   7 /4 7722/04   7 /4 7722/04   7 /4	7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55	43142 43143 43143
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOX         37.16         24.82           Acetylene         64.41         24.82           Ethylene         79.92         24.82           Propane         0.03         24.82           Propylene         0.09         23.82           Propylene         144.45         24.82           Nifric Oxide         811.57         24.82		P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 CB-701 Flare	EU 1592 EU 1592 EU 1592 EU 1592 EU 1592 EU 1592 EU 1592 EU 1592	EB 8 12 12 12 12 12 12 12 12 12 12 12 12 12	1504A 1504A 1504A	772/04   7 , 4 , 7 , 7 , 7 , 7 , 7 , 7 , 7 , 7 ,	7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55	43142 43142
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOX         37.16         24.82           Acetylene         64.41         24.82           Ethylene         79.92         24.82           Propane         0.03         24.82           Propylene         0.09         24.82           TOTAL VOCs         144.45         24.82           CO         6170.21         24.82		P-1592 CB-701 Flare	EU 1592 EU 1592 EU 1592 EU 1592 EU 1592 EU 1592 EU 1592 EU 1592	<b>B</b> B C C E E	1904A 1904A 1504A 1504A	7/22/04   7 .44 7/22/04   7 .44 7/22/04   7 .44 7/22/04   7 .44	7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55	43142 43142 43142
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOX         37.16         24.82           Acetylene         64.41         24.82           Ethylene         79.92         24.82           Propane         0.03         24.82           Propylene         0.09         24.82           TOTAL VOCs         144.45         24.82		P-1592	BU 1592 BU 1592 BU 1592 BU 1593 BU 1593 BU 1593 BU 1593 BU 1593	<b>1 15</b> 12 17 18 18	1504A	702/04   7.44 702/04   7.44 702/04   7.44 702/04   7.44	7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55	43142
Mitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOx         37.16         24.82           Acetylene         64.41         24.82           Bihylene         79.92         24.82           Propane         0.03         24.82           Propylene         0.09         24.82		P-1592	BU 1892 BU 1592 EU 1592 EU 1892 EU 1892 EU 1892 EU 1892	1 ng m m 25 35 1 ng m 55 50	500 A	72244 7 44 72244 7 44	7/21/04 16:55 7/21/04 16:55 7/21/04 16:55 7/21/04 16:55	31.
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOx         37.16         24.82           Acetylene         64.41         24.82           Ethylene         79.92         24.82           Propane         0.03         24.82		P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592	BU 1892 BU 1892 BU 1892 BU 1892 BU 1892 BU 1892		7 V V V V V V V V V V V V V V V V V V V		721 V4 16.75 7721/04 16.55 7721/04 16.55 7721/04 16.55 7721/04 16.55	43142
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOx         37.16         24.82           Acelylene         64.41         24.82           Bthylene         79.92         24.82		P-1592 P-1592 P-1592 P-1592 P-1592 P-1592 P-1592	BU 1592 BU 1592 BU 1592 BU 1593 BU 1593	r := 50 : ::::::::::::::::::::::::::::::::::	8 8 8	722494 17.44	7/21/04 16:55 7/21/04 16:55 7/21/04 16:55	<b>43142</b>
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOx         37.16         24.82           Acetylene         64.41         24.82           Library         70.02         24.92		P-1592 P-1592 P-1592 P-1592 P-1592 P-1592	BU 1592 BU 1592 BU 1593 BU 1593	T 30		M. L. M. C. C.	721/04 16:55	43142
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOx         37.16         24.82           A certification         64.41         24.82		P-1592 P-1592 P-1592 P-1592 P-1592	BU 1592 BU 1592 BU 1592				7/21/04 16:55	43142
Nitric Oxide         35.30         24.82           Nitrogen Dioxide         1.86         24.82           TOTAL NOx         37.16         24.82		P-1592 P-1592 P-1592 P-1592	EU 1592 EU 1592			1/1/0/11	7/21/04 16:55	43142
Nitric Oxide 35.30 24.82  Nitrogen Dioxide 1.86 24.82		P-1592 P-1592 P-1593	7691 NE	EE	1504A	7/22/04 17:44		
Nitrie Oxide 35.30 24.82		P-1592 P-1592	EG 1592		- XX	100 M 1998		
		P-1592		777	Z	7.72 08 17.44	· 医多种子及一种种种	7
CO 268.37	CB-710 Flare 1592-40		EU 1592	EE	1504A	7/22/04 17:44	7/21/04 16:55	43142
5 TOTAL VOCs 8078.71 24.82 3150.43	CB-701 Flare 1592-16	P-1592	EU 1592	Ħ	1504A	7/22/04 17:44	7/21/04 16:55	43142
5 Xylene 0.03 24.82 3150.43	CB-701 Flare 1592-16	P-1592	EU 1592	(T)	Verb.)	7/22/02/17/44	7/21 (04 16:55	22 23
	CB-701 Flare 1592-16	P-1592	EU 1592	(T)	15064	22/417.4	7/21/04 (6:5)	51-22
Propylene 3471.73 24.82 3150.43	CB-701 Flare 1592-16	P-1592	EU 1592	EE	13004	7/22/96 [7]:在	7/21/04 16:53	20
5 Propane 158.02 24.82 3150.43	CB-701 Flare 1592-16	P-1592	EU 1593	iv.	15045	7/23/04 17:44	721/04 16:55	100
Pentene 223.70 24.82 3150.43	CB-701 Flare 1592-16	P-1592	2651 NB		1283	64-21 MS 22.2	7/21/04 16:55	5/42
9.73 24.82 3150.43	CB-701 Flare 1592-16	P-1592	EU 1592	ĮT.	1543	7.22/04 17:44	7/21/04 15:53	20
isoprene 9.73 24.82 3150.43	CB-701 Flare 1592-16	P-1592	EU 1592		1504A	7.22/04 17:44	7/21/04 16:55	375
154.34 24.82 3150.43	CB-701 Flare 1592-16	P-1592	EU: 1502	E	5044	7/22/04 17:14	7/21/04 16:55	12
6 Hexane 2.66 24.82 3150.43	CB-701 Flare 1592-16	P-1592	EU 1592	(F)	15047	7.22/04 17:44	7/21/04 16:55	5 5
5 Ethylene 2382.89 24.82 3150.43	CB-701 Flare 1592-16	P-1592	EC 1592	23	V#08.1	72234 1754	7/21:04 Lo:55	5
5 Butone 541.42 24.82 3150.43	CB-701 Flare 1592-16	P-1592	EU 1592	575	500	7:22 (# 17)-4	7/21/04 16:55	
5 Butane 22.73 24.82 3150.43	CB-701 Flare 1592-16	P-1592	ER: 1592	Ser.	NA.		1210168	
5 Benzene 381.35 24.82 3150.43		P-1592	2651 03		IA IA	77234 17-4	7/21/314 16:55	4042
6 Acetylene 40.56 24.82 3150.43	CB-701 Flare 1592-16	P-1592	EU 1592	Œ	15043	7/22/04 17:44	7/21/04 16:55	43142
5 1.3-Buildiene 549.64 24.82 3150.43	CB-701 Flare 1592-16	P-1592	EU 1592	E	15040	7/22/04 17:44	7/21/04 16:55	13142
TOTAL NOx 159.90 9.00 59.02	BF-801C Stack 1592-11	BF-801C	Utilities 1092	EB	1504A	7/20/04 21:00	7/20/04 12:00	43102
Nitrogen Dioxide 8.00 9.00 59.02	3F-801C Stack 1592-11	BR-801C	Utilities 1092	250	, YWs.	7/30/04/21/00	7.20,05 12:00	15
Nitric Oxide 151.90 9.00	BF-801C Stack 1592-11	BF-801C	Util	lative is a	1,395.	7/20/04/21/00	7/20/04 12:00	20163
Pollutant (lbs) (hrs)	Emission Point EPN	Source Info/FIN	<b>Lut</b>	Authorization Type of Event	Authorization	Time	Time	Number
Released Duration Emission Limit		Adittional				End Date and	Start Date and	Iracking
						The state of the s		

Table 1 - Violations of Hourly Limits

Tracking	Start Date and	End Date and				Adittional				Amount Released	Duration	Reported Emission Limit
Number	97141, 1993	07743-5	Authorization	Type of Event		2007 (20)	N-901 Flare	7.7	išihviene	00.091	5.8.3	28.80
45547	9/1/04 19:05	9/2/04 3:55	2462C	毘田	PEU 1792	P-1792	X-901 Flare	45	TOTAL VOCs	160.00	8.83	28.80
4739	10/13/04/16/30	0.3404.2).77	0	Ţ,	EU 1592	P-1592	C33-701 Flare	1592-16	1,3-Butadiene	2484.92	28.62	3150.43
1021	10/13/04/16/01	10/14/04/21/07	1.504.3.	K	5651.03	P-1592	CB-701 Flare	1592-16	Acetylene	178.86	38.62	3150.43
1044	0.59 30.51.01	76/12/96/21/97	SSLV		80 1592	P-1592	CB-701 Flare	1592-16	Виталс	294.34	28.62	3150.43
1770)	0.015001001	10, 200, 2007	A STATE OF	T	EU 1597	P-1:92	CB-701 Flare	1592-16	Butene	3436.31	28.62	3150,43
17794	10/13/6/16/30	10.1404.2307	1504A	500	EW 1392	P-1592	CB-701 Flare	1592-16	Ethylene	13359.31	28.62	3150.43
.1779.	10/13/04 Lp.30	1013362101	76.	(3)	EU 1592	p-1592	CB-701 Flare	1592-16	Hexene	764-84	28.62	3150.43
47791	10/13/04 16:30	10/14/94/21:67	18965	Œ	7651 OR	P-1392	CB-701 Flare	1592-16	Methylacetylene	60.62	28.62	3150,43
17791	10/13/04 16:39	10/14/94 21:07	15045	35	EU 1592	P-1592	CB-701 Flare	1592-16	Pentane	0.15	28.62	3150.43
47791	06:91 ±0/61/01	10/14/04/21:07	12047	por (C.	EU 1592	P-1592	CB-701 Flare	1592-16	Pentene	1204.88	28.62	3150.43
1,64,77	00:61 140/01/01	10/14/04 21:07	JS04A	[m] [m]	EU 1892	P-1592	CB-701 Flare	1592-16	Propadiene	60.62	28.62	3150.43
102.15	10/13/04 16:30	10:14:00:21:07	1504.5	rn m	EU 1592	P-1592	CB-701 Flare	1592-16	Propane	214.63	28.62	3150.43
164.45	10/13/04 16:30	10/14/04/21:07	1504A	PW (10)	EU (592	P-1592	CB-701 Flare	1592-16	Propylene	6687.58	28.62	3150.43
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	28747.06	28.62	3150.43
(6.21)	05:91 10:30	10:14:04:21:97	1504%	genter 1 may 2 -	EU 1592	P-1592	CB-710 Flare	1592-40	Acctylene	46.21	28.62	0.02
15/75	10/13/6M [6:30	10/14/04 21:07	VEGS 1	EE	EU 1592	P-1592	CB-710 Flare	1592-40	Ethylene	440.03	28.62	0.02
4779	(0/13/94 [6:30]	10/14/04 21:07	1504	m m	EU 1592	P-1592	CB-710 Flare	1592-40	Propylene	7.13	28.62	0.02
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-710 Flare	1592-40	TOTAL VOCs	493.37	28.62	0.02
47792	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	CB-701 Flare	CB-701 Flare	1592-16	8	23971.77	28.62	2047.71
	673 507 1.01		50	F	2651.19E	CB-701 Flare	CB-701 Flare	1592-16	Nitric Oxide	3153.01	28.62	283.51
	10 15 04 1650	(8)208(2)37		1 5	EU 1592	CB-701 Flare	CB-701 Flare	1592-16	Nitrogen Dioxide	165.95	28.62	283.51
76114	0.10/10/10/10/10/10/10/10/10/10/10/10/10/1	00.14.01.00.	7,007	n b	PF3 [ 1707	D 1700	V-001 Flanc	1552-10	Ethulana	687.00	70.02 70.87	U8 8C
	NCS1 F0.130		3430	m t	PEU 1792	P-1792	X-90] Flare	45	Propane	92.00	30.87	28.80
47800	10/13/04 16:38	10/14/04 23:30	2462C	EE	PEU 1792	P-1792	X-901 Flare	45	TOTAL VOCs	779.00	30.87	28.80
47805	10/13/04 16:38	10/14/04 23:30	2462C	EE	PEU 1792	X-901 Flare	X-901 Flare	45	8	560.00	30.87	23.30
14. T	81361 (0.510)	16/14/8/27 to	2822	[77 [7]	5871785	X-961 Flore	X-901 Flare	45	Nitrogen Dioxide	3.90	30.87	3.20
	19/13/04 16:35	181412222		Tri Tri	2621 UBd	X-901 Flare	X-901 Flare	ts	Nitrogen Oxide	73.70	30.87	3.20
47805	10/13/04 16:38	10/14/04 23:30	2462C	噩	PEU 1792	X-901 Flare	X-901 Flare	45	TOTAL NOx	77.60	30.87	3.20
47806	10/13/04 16:35	10/14/04 7:27	37063	盟	NAOU 1797	P-1797	Z-101 Flare	110	8	615.53	14.87	35.72
TSDs	10/13/04 16:35	19714/04 ( 2.2	S.	5911 7371	NAOU 1707	P-1797	7-101 Flare	011	Nitric Oxide	80.96	14.87	4.95
4.7304	(6.73) ASS (10)	12. 20.H O.	3	2700 2.1 2.1	NAOU 1797	P-1797	Z-101 Flare	110	Nitrogen Dioxide	4.26	14.87	4.95
47806	10/13/04 16:35	10/14/04 7:27	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL NOx	85.22	14.87	4.95
					NAOUTE	7-17-07	2-101 Plane	110	Butene	264.54	14.87	79.71
3						23	S The	110	Ethylene	573.16	14.87	79.71
7						P 78	Z-10] Flare	110	Hexene	176.36	14.87	79.71
	10.730 Party	39 T 9 7 7 1		(100 cm) (10	XX(*   /e.	2-17-07	Z-101 Flare	110	Octene	176.36	14.87	79.71
47806	10/13/04 16:35	10/14/04 7:27	37063	HH	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL VOCs	1190.42	14.87	79.71
58	1000 1111 15 15 15			(3)	TOUT THENKY	Je-1797	SYS-740 Flare	136	Batene	32.00	14.87	10.0
1708	10 5 5 1 7 13				K. 0.C. I. 110 S. N	P. 1797	SYS-740 Flare	136	Ethylene	1704.10	14.87	0.01
			120 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	¥.	NA(00 179)	P-1797	SVS-740 Flure	136	Hexene	36.00	14.87	0.01
				117	N. OC. 139	P. 1797	SYS-740 Flare	136	Octene	32.00	14.87	10.0
47806	10/13/04 16:35	10/14/04 7:27	37063	田	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL VOCs	1804.10	14.87	0.01
47808	10/12/04 16:25	10/11/01 1.01	27052	1	**************************************	0000 140	2	5	3	2		

Table 1 - Violations of Hourly Limits

9.1 c(e) ss			ļ	` 				<u>.</u>	ļ	48397 10,	18392 10		48397 10,	48282 10,	55			48279 10,					. :		48279 10,	5.5	<i>j</i>			i i	47829 10/	47822 10/	10,			1787.1	47822 10/	47822 10/	A01 CEACH	47808 10/	701 MEZ.		Number
10/24/11 0:15	# 15 % YES	02504.945	ļ.	W25.08.9.35	100.22 (20.19.12		M 25 W 9:15	10/25/04/9:15	102504915	10/25/04 9:15	10:25 14 9:15	0:25/m 0:15	10/25/04 9:15	10/22/04 2:00	W22-34 2:00	WII 34 I 360 -	10/22/04 2:00	10/22/04 2:00	# 20 P 20 P				+= :		10/22/04 2:00		10/22/04 2:00		.;	30/13/04 To:38	10/13/04 16:38	10/13/04 16:38	10/13/04 [6:38]		10/13/04 Lat38	19/13/04 16:33	10/13/04 16:38	10/13/04 16:38	86:91 ptp://www.	10/13/04 16:35	10/13/04 16:35	10/13/04 16/35	
10.25/04 H (30)	10/25/06 11/05	1973.04 11.00	72.7	10:25/est (1:0v	0.5 H M 5.70 H	10 11 Fe 33 01	10025704 11 100	10/25/01 11:08	10/25/04 11:00	10/25/04 11:00	100 DAME 11 (10)	(40.1) (40.52.0)	10/25/04 11:00	10/22/04 4:54	\$2005.454	1828	10/22/04 4:54	10/22/04 16:54			T 10. 4. 1.		10/22/04 16:54		10/22/04 16:54		10/22/04 16:54	10/14/04 12:42		16/14/94/12/82/1	10/14/04 12:42	10/14/04 12:42	10:14:03 12:42 °	10/14/6/12/22	19148 1112	[07]4444][53]	25-CT P@F1.01	10/14/04 12:42		10/14/04 7:27	10/14/0H 7:27	[87]4/04/7/27	Line
1.51 2.51 2.51	7.2	15047	1514.5	767	1504.5	5045		1504A	13000	1504A	15043	1.8047	1504A	37063	Š	S.	37063	37063					37063		37063		37/063	19027		18	19027	19027	Ciwi	- SEC.	1987	ŝ	357	19027	- SER	37063	37063	37065	AUTOFIZATION
) (P)	ermer a 1 av	TS (T	partie S. C. Horse S. C.	Ę	TC TC	5	.77 2-1	E	Sired Sired	跙	EE.	333	EE	EE		er:	ਸ਼ੁਸ਼	EB	F	101	s s s		EE		n n	7 7	<u>.</u>	æ			EE	EE	F	her.	re tel	72	(12 (13	噩	rei ovi	EE	व्य	33	туре от туепс
EU 1597	5651.03	2651 AG	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	NAOU 1797	NAOU 1797	NAOU 1797	NAOU 1797	NAOU 1797	1.64.1 DOWN	78.W	700 TO	XA0. 13	NAOU 1797	33001797	NAOII 1797	COST NAMES	NAOU 1/9/	PEU 1796	FEU 1796	PRU 1745	PEU 1796	PEU 1796	PEU 1796	PEU 1795	PEU 1796	PJ:U 1796	PEU 1796	PEU 1796	PEU 1796	NAOU 1797	NAOU 1797	NAOU 1797	
P-1592	P-1593	P-1592	p-1502	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	SYS-740	OP2-SAS	OP.C-SAS	SYS-740	P-1797	P-1797	7.67.1%	P. 1 797	F-1797	P-1797	5-1797	P-1797	p.1767	P-1797	FS-541 Flare	FS-541 Plane	FS-541 Flare	FS-541 Flare	P-1796	P-1796	P-1796	P-1796	P-1796	P-1796	P-1796	P-1796	SYS-740	SYS-740	SYS-740	Source Information
(13-70) Flare	: CB-701 Plure	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	SYS-740 Flare	SYS-740 Flare	SYS-740 Flare	SYS-740 Flare	SYS-740 Flare	SYS-740 Flare	585-740 Flure	SYS-740 Flure	SVS-740 Flage	Z-101 Flare	2-101 Flare	7-101 Flare	7.101 Flare	Z-101 Flare	FS-541 Flare	FS-541 Flare	FS-541 Flare	FS-541 Flare	FS-541 Flare	FS-541 Flare	FS-541 Flare	FS-541 Flare	FS-54! Flare	FS-54! Flare	Incinerator	Incinerator	SYS-740 Flare	SYS-740 Flare		THION HOUSERMA
1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	136	136	136	136	136	136	136	136	136	110	011	110	110	110	1796-10A	1796-10A	1796-10A	1796-10A	1796-10A	1796-10A	1796-10A	1796-10A	1796-10A	1796-10A	1796-06G	1796-06G	136	136	136	E ETA
Pentane	Methylcyclo- pentane	Methyl Pentane	Hexane	Dicyclopentadiene	Cyclopentane	Butene	Butane	Benzene	1,3-Butadiene	TOTAL NOx	Nitrogen Dioxide	Nitric Oxide	CO	TOTAL NOx	Nitrogen Dioxide	Nitric Oxide	6	TOTAL VOCs	Octene	Hexene	Ethylene	Butene	TOTAL VOCs	Ethylene	TOTAL NOV	Nitrogen Dioxide	6	TOTAL NOx	Nitrogen Oxide	Nitrogen Dioxide	СО	TOTAL VOCs	Pentane	Methyl Pentane	Нехепе	Hexane	Ethylene	TOTAL VOCs	Hexene	TOTAL NOx	Nitrogen Dioxide	Nitric Oxide	Fountair
2.20	0,07	0.07	0.07	0.27	0.96	2.74	4.12	0.14	3.16	1.33	0.07	1.26	9.62	112.00	5.60	106.40	223.40	506.90	64.90	73.00	304.10	64.90	3.14	دري ق ــــ	031	00.0	2.23	134.40	127.70	6.70	685.40	1089.20	404.00	83.20	183.90	41.60	376.50	24.20	24.20	490.52	24.53	465.99	(80)
1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	2.90	2.90	2.90	2.90	14.90	14.90	06'14	14.90	[4.90	14.90	14.90	1490	14.90	14.90	20.07	20.07	20.07	20.07	20.07	20.07	20.07	20.07	20.07	20.07	20.07	20.07	14.87	14.87	14.87	(ars)
3150.43	3150.43	3150,43	3150.43	3150.43	3150,43	3150.43	3150.43	3150.43	3150.43	283,51	283.51	283.51	2047.71	0.05	0.05	0.05	0.11	0.01	0.01	10.0	0.01	0.01	79.71	79.71	405	4.95	35.72	1.90	1.62	1.62	11.69	16,80	16.80	16.80	16.80	16.80	16.80	4.90	4.90	0.05	0.05	0.05	(ausan)

	Tracking	Start Date and	Find Date and				Aditional				Amount Released		Reported
	Number	Time		Authorization	Type of Event		Source Info/FII		EPN	Pollutant	(lbs)	(hrs)	(lbs/hr)
	48397	10/25/04 9:15		1504A	EE	45.65	P-1592		1592-16	TOTAL VOCs	13.80	1.75	3150.4
	25237	10-25/04 9:15	10/25/04 11:00	1,50%	M	2651 08	P-1592	Process Fugitives	1592-31	l,3-Butadiene	150.30	1.75	12.46
Process   Proc	71. (1.05.00°	515 10 50 50 90	10/25/04 15/00		(A)A)	19(1) 592	P-J592	Process Sugitives	1592-31	Benzene	6.50	1.75	12.46
	Ž.	S15 E. 7.81	(M) 1 M/K 2 G	X X	2807 - 172	5651.03	2651-d	Process Fugilives	1592-31	Butane	194.70	1.75	12.46
		Che 15 5786	15 25 35 E 18 18 18 18 18 18 18 18 18 18 18 18 18	3	1878 1870 1870 1870 1870	2651.193	7857-d	Process Eugitives	1592-31	Butene	133.30	1.75	12.46
Process Flugitive   Proc	- KO504	10/25 04 9:15	0.703		173 174	2651 03	\$651-d	Process Fugitives	1592-31	Cyclopentane	45.80	1.75	12.46
Holy College   Holy	1000	\$10 MU CAN	15 X 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Ä	EU 1592	P-1592	Process Fugitives	1592-31	Dicyclopentadiene	13.10	1.75	12.46
High-strict					77	81 583	P.1390	Process Fagilives	1592-31	Hexane	3.30	1.75	12.46
		52				E02 1592	P-1590	Process Fugitives	1592-31	Methyl Pentanc	3.30	1.75	12.46
	1875	10/23/01/9/15	2 2 2 2		fill ber	m C S S S S S	P-1592	Frocess Fugilives	1592-31	Methylcyclo- pentane	3.30	1.75	12.46
1022004451 10025041100   150AA   EB   EU1192   Private Pagitives   1592-31   TOTAL VOC.   653.10   1.75   1.25044450   122004450   1700.3   170   1.75   1.2504450   1.25044400   1700.3   1.75   1.2504450   1.25044400   1.2504400   1.2504400   1.2504450   1.25044400   1.2504400   1.2504440	25	(6/25/mg 4) 5	534	72	S	EU 1392	P-1592	Soanigud second	1592-31	Pentane	101.50	1.75	12.46
112904 830   212004 490   37063   EB   MAOU 1797   P-1797   Z-101 Flare   110   Nitrogen Davide   0.26   240.00   112904 830   122104 1-48   7564   176   MAOU 1797   P-1797   Z-101 Flare   110   Nitrogen Davide   0.26   241.00   112904 830   1222004 490   37063   EB   MAOU 1797   P-1797   Z-101 Flare   110   Nitrogen Davide   0.26   241.00   112904 830   1222004 490   37063   EB   MAOU 1797   P-1797   Z-101 Flare   110   TOTAL NOC   111.35   240.00   112904 830   112904 830   37063   EB   MAOU 1797   P-1797   Z-101 Flare   110   TOTAL VOC   111.35   240.00   112904 830   222004 490   37063   EB   MAOU 1797   P-1797   Z-101 Flare   110   TOTAL VOC   111.35   240.00   112904 830   2462C   EB   MAOU 1797   P-1797   Condensate Vent   D-567   Bluene   389.00   0.13   12205 23-52   12205 24-50   2462C   EB   MAOU 1797   P-1797   Condensate Vent   D-567   TOTAL VOC   389.00   0.13   12205 23-52   12205 24-50   2462C   EB   MAOU 1797   P-1797   Condensate Vent   D-567   Bluene   38.90   0.13   12205 23-52   22005 24-50   2462C   EB   MAOU 1797   P-1797   Condensate Vent   D-567   TOTAL VOC   389.00   0.13   22005 23-52   22005 24-50   220	48397	10/25/04 9:15	10/25/04 11:00	1504A	EH	EU 1592	P-1592	Process Fugitives	1592-31	TOTAL VOCs	655.10	1.75	12.46
H1258 648 850   H22564 148   H18	50045	11/29/04 8:30	12/20/04 4:00	37063	ЕH	NAOU 1797	P-1797	Z-101 Flare	110	CO	38.02	240.00	35.72
1129044 830   122004 400   27063   EE   MACU 1797   P-1797   Z-101 Flare   110   Niroyan Diavide   0.26   241,00	1805	M/28/M 8/30	17304748	3386		NAOU 1797	P-1797	Z-101 Flare	011	Nitric Oxide	5.00	240.00	4.95
1129048 30   1220044 400   37063   EE   NAOU 1797   P-1797   Z-101 Flure   110   TOYAL NOC   52.6 241,00     1129048 30   1220044 400   37063   EB   NAOU 1797   P-1797   Z-101 Flure   110   Bluene   110   Bluene   110     1129048 30   1220044 400   37063   EB   NAOU 1797   P-1797   Z-101 Flure   110   TOYAL VOCS   111.56   240.00     1129048 30   1220044 400   37063   EB   NAOU 1797   P-1797   Z-101 Flure   110   TOYAL VOCS   400.00     1129048 30   1220044 400   37063   EB   NAOU 1797   P-1797   Condensate Vent   D-567   Blusne   6020.40   257.50     1129048 30   1129048 30   37063   EB   NAOU 1797   P-1797   Condensate Vent   D-567   Ethylene   389.00   0.13     1129048 30   1129048 30   37063   EB   NAOU 1797   P-1797   Condensate Vent   D-567   Ethylene   389.00   0.13     1129048 30   1129048 30   37063   EB   NAOU 1797   P-1797   Condensate Vent   D-567   Ethylene   389.00   0.13     1129048 30   1129048 30   37063   EB   NAOU 1797   P-1797   SYS-340 Flanc   136   Ethylene   389.00   0.13     1129048 30   1229048 30   37063   EB   NAOU 1797   P-1797   SYS-340 Flanc   136   Ethylene   89.00   0.13     1129048 30   1229048 30   37063   EB   NAOU 1797   P-1797   SYS-340 Flanc   136   Ethylene   89.00   1.83     1129048 30   1229048 30   37063   EB   NAOU 1797   P-1797   SYS-340 Flanc   136   Ethylene   89.00   1.83     1129048 30   1229048 30   37063   EB   NAOU 1797   P-1797   SYS-340 Flanc   136   Ethylene   89.00   1.83     1129048 30   1229048 30   37063   EB   NAOU 1797   P-1797   SYS-340 Flanc   136   Ethylene   89.00   1.83     1129048 30   122005 11-52   19027   Shindown   PEU 1796   FS-541   FB-1797   SYS-340 Flanc   1796-10A   Nitrogen Doxide   6.50   35.20     1129048 30   122005 11-52   19027   Shindown   PEU 1796   FS-541   FB-241   FB-2	4	000 20 000	1223-04-4-00	37663	<u></u>	NAGU 1797	P-1797	Z-101 Flare	110	Nitrogen Dioxide	0.26	240.00	4.95
	50045	11/29/04 8:30	12/20/04 4:00	37063	ЕН	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL NOx	5.26	241.00	4.95
	S004S	11/29/04 8-30	12/20/04 4-00	37063	H C	NAOI 1797	P_1797	2-101 Flare	110	TOTAL VOCa	72 111	240.00	70.71
11/18/04 15/05   11/29/04 8:30   37663   EE NAOU 1797   P-1797   Condensate Vant   D-567   TOTAL VOCS   602,040   257,50   1254 15   1	\$455	0,651,652,81/11	11.30.048.11	57W5	Mari Las September 1	NAOU 1797	F-1797	Condensate Vent	D-567	Butene	6020.40	257,50	0.00
1,2305 23.52   1,2405 0.00   246ZC   EBB   PRU 1792   Process Fugitives   F-75   TOTAL VOCs   389,00   0.13   1,2305 23.52   1,2405 0.00   246ZC   EBB   PRU 1792   Process Fugitives   F-75   TOTAL VOCs   389,00   0.13   1,2305 23.52   1,2405 0.00   1,2405 2.01   1,2505 1.00   1,2	50045	11/18/04 15:00	11/29/04 8:30	37063	EH	NAOU 1797	P-1797	Condensate Vent	D-567	TOTAL VOCs	6020.40	257.50	0.00
		57437	1724-05-94%	3. 3. 5.	(T)	PEU 1792	P-1792	Process Fugitives	F-75	Ethylene	389.00	0.13	7.37
	52733	1/23/05 23:52	1/24/05 0:00	2462C	ਜੁਸ਼	PEU 1792	P-1792	Process Fugitives	F-75	TOTAL VOCs	389.00	0.13	7.37
Part		25/25/24/2	) 22.55 (5.75)	3.4.6.5		NAOU 1797	P-1797	SYS-740 Flare	136	Butene	8.96	1.83	0.01
		228.35.10 ·	1.25 (5) 1/3:	57 51 51 52 77	[27]	NAOU 1797	P-1797	SYS-740 Flare	136	Ethylene	335.01	1.83	0.01
1.24/05/23:10   1.25/05/1:00   37063   EE   NAOU 1797   P-1797   SYS-740 Plare   136   Octobre   8.96   1.83     1.24/05/23:10   1.25/05/1:00   37063   EE   NAOU 1797   P-1797   SYS-740 Plare   136   Octobre   8.96   1.83     2.21/05/32:5   2.22/05/3:31   1.504A   EE   Utilités 1092   BF-801B   BB-801B Stack   1592-10   Opacity   S2.00%   0.10     2.21/05/0:40   2.22/05/11-52   19027   Shudown   PEU 1796   FS-541   FS-541 Plare   1796-10A   Nitrogen Dioxide   6.50   35.20     2.21/05/0:40   2.22/05/11-52   19027   Shudown   PEU 1796   FS-541 Plare   1796-10A   Nitrogen Dioxide   124,00   35.20     2.21/05/0:40   2.22/05/11-52   19027   Shudown   PEU 1796   FS-541 Plare   1796-10A   Nitrogen Oxide   124,00   35.20     2.21/05/0:40   2.22/05/11-52   19027   Shudown   PEU 1796   FS-541 Plare   1796-10A   DOXIDE   83.00   35.20     2.21/05/0:40   2.22/05/11-52   19027   Shudown   PEU 1796   FS-541 Plare   1796-10A   Ethylene   83.00   35.20     2.21/05/0:40   2.22/05/11-52   19027   Shudown   PEU 1796   P-1796   FS-541 Plare   1796-10A   Ethylene   83.00   35.20     2.21/05/0:40   2.22/05/11-52   19027   Shudown   PEU 1796   P-1796   FS-541 Plare   1796-10A   Hexene   29.00   35.20     2.21/05/0:40   2.22/05/11-52   19027   Shudown   PEU 1796   P-1796   FS-541 Plare   1796-10A   Hexene   29.00   35.20     2.21/05/0:40   2.22/05/11-52   19027   Shudown   PEU 1796   P-1796   FS-541 Plare   1796-10A   Hexene   29.00   35.20     2.21/05/0:40   2.22/05/11-52   19027   Shudown   PEU 1796   P-1796   FS-541 Plare   1796-10A   TOTAL NOC   247,00   35.20     2.21/05/0:40   2.22/05/11-52   19027   Shudown   PEU 1796   P-1796   FS-541 Plare   1796-10A   TOTAL NOC   247,00   35.20     2.21/05/0:40   2.22/05/11-52   19027   Shudown   PEU 1796   P-1796   FS-541 Plare   1796-10A   TOTAL NOC   247,00   35.20     2.21/05/0:40   2.22/05/11-52   19027   Shudown   PEU 1796   P-1796   FS-541 Plare   1796-10A   TOTAL NOC   247,00   35.20     2.21/05/0:40   2.22/05/11-52   19027   Shudown   PEU 1796   P-1796   FS-541 Plare   1796-10A		12023	125/45 150	17887		NAOL 1797	P-1797	SYS-740 Flare	136	Hexene	\$0.08	1.83	0.01
2/2/10/5 3/25         2/2/2/05 3/31         1 1504A         EE         Utilities 1992         BF-801B         Boil Floor         1 190-10 (Opacity)         52.00%         2.00           2/2/10/5 0:40         2/2/2/05 3/31         1 1504A         EE         Utilities 1992         BF-801B         Boiler Stack         1592-10         Opacity         52.00%         0.10         35.20         0.10         25.20         0.10         35.20	52799	1/24/05 23:10	1/25/05 1:60	37063	<b>ភ</b>	NAGU 1797	P-1797	SYS-740 Flare	136	Octone	8.96	1.83	10.0
2221/05 0:40         2/22/05 11:52         19027         Shutdown         PEU 1796         RS-541 Flare         1796-10A         CO         667.00         35.20           3.21 15 0.40         2/22/05 11:52         19027         Shutdown         PEU 1796         RS-541 Flare         1796-10A         Nitrogen Dioxide         6.50         35.20           2/21/05 0:40         2/21/05 (15)         1902         Shutdown         PEU 1796         RS-541 Flare         1796-10A         Nitrogen Dioxide         124.00         35.20           2/21/05 0:40         2/21/05 0:40         2/21/05 (15)         19027         Shutdown         PEU 1796         RS-541 Flare         1796-10A         Nitrogen Oxide         124.00         35.20           2/21/05 0:40         2/21/05 (15)         19027         Shutdown         PEU 1796         RS-541 Flare         1796-10A         PUTAL NOx         130.50         35.20           2/21/05 0:40         2/21/05 (11)         19027         Shutdown         PEU 1796         P-1796         PS-541 Flare         1796-10A         Hexane         29.00         35.20           2/21/05 0:40         2/21/05 (11)         98.27         Shutdown         PEU 1796         P-1796         PS-541 Flare         1796-10A         Hexane         98.00	53349	2/2/05 3:25	2/2/05 3:31	1504A	EE	Utilities 1092	BF-801B	Boiler Stack	1592-10	Opacity	52.00%	0.10	20.00%
2321050.99   202298   155   1587   Solidawn   PEU 1796   FS-541   Fave   1796-10A   Nitrogen Dioxide   6.50   35.20     252105 0.40   202205 11:52   19027   Shutdown   PEU 1796   FS-541   F8-541   Fave   1796-10A   Nitrogen Oxide   124,00   35.20     222105 0.40   202205 11:52   19027   Shutdown   PEU 1796   FS-541   Fave   1796-10A   TOTAL NOX   130.50   35.20     222105 0.40   222205 11:52   19027   Shutdown   PEU 1796   P-1796   FS-541   Fave   1796-10A   Ethylene   83.00   35.20     222105 0.40   222205 11:52   19027   Shutdown   PEU 1796   P-1796   FS-541   Fave   1796-10A   Hexane   29.00   35.20     222105 0.40   222205 11:52   19027   Shutdown   PEU 1796   P-1796   FS-541   Fave   1796-10A   Hexane   29.00   35.20     22105 0.40   22205 11:52   19027   Shutdown   PEU 1796   P-1796   FS-541   Fave   1796-10A   Hexane   98.00   35.20     22105 0.40   22205 11:52   19027   Shutdown   PEU 1796   P-1796   FS-541   Fave   1796-10A   TOTAL VOCs   447.00   35.20     22105 0.40   22205 11:52   19027   Shutdown   PEU 1796   P-1796   FS-541   Fave   1796-10A   TOTAL VOCs   447.00   35.20     22105 0.40   22205 11:52   19027   Shutdown   PEU 1796   P-1796   FS-541   Fave   1796-10A   TOTAL VOCs   457.00   35.20     22105 0.40   22205 11:52   19027   Shutdown   PEU 1796   P-1796   FS-541   Fave   1796-10A   TOTAL VOCs   457.00   35.20     22105 0.40   22205 11:52   19027   Shutdown   PEU 1796   P-1796   P-1796   D-167   Bulene   245.00   1.48     22205 0.40   22205 11:52   19027   Shutdown   PEU 1796   P-1798   Drum   D-1567   Decene   65.00   1.48     22205 0.40   22205 11:52   19027   Shutdown   P-1798   P-1798   Drum   D-1567   Decene   60.00   1.48     22205 0.40   22205 11:52   19027   Shutdown   P-1798   P-1798   Drum   D-1567   Decene   60.00   1.48     22206 0.40   22205 11:52   19027   Shutdown   P-1798   P-1798   Drum   D-1567   Decene   60.20   1.48	54141	2/21/05 0:40	2/22/05 11:52	19027	Shutdown	PEU 1796	FS-541	FS-541 Flare	1796-10A	00	667.00	35.20	11.69
221/105 0:40         222/105 0:40         222/105 0:40         222/105 0:40         222/105 0:40         222/105 11:52         19027         Shutdown         PEU 1796         FS-541         FS-541 Flare         1796-10A         Nitrogen Oxide         124,00         35.20           222/105 0:40         222/05 11:52         19027         Shutdown         PEU 1796         FS-541 Flare         1796-10A         Ethylene         83.00         35.20           322/105 0:40         222/05 11:52         19027         Shutdown         PEU 1796         P-1796         FS-541 Flare         1796-10A         Hexane         29.00         35.20           322/105 0:40         222/05 11:52         19027         Shutdown         PEU 1796         P-1796         FS-541 Flare         1796-10A         Hexane         29.00         35.20           221/05 0:40         222/05 11:52         19027         Shutdown         PEU 1796         P-1796         FS-541 Flare         1796-10A         Hexane         29.00         35.20           221/05 0:40         222/05 11:52         19027         Shutdown         PEU 1796         P-1796         FS-541 Flare         1796-10A         Pontane         247,00         35.20           221/05 0:40         222/05 11:52         19027         Shutdown<		23 (50.8)	222.08	30.01	(wabite)	PEU 1796	FS-541	FS-541 Flare	1796-10A	Nitrogen Dioxide	6.50	35.20	1.62
2/21/05 0-40         2/22/05 11:52         19027         Shutdown         PEU 1796         FS-541         FS-541 Flare         1796-10A         TOTAL NOx         130.50         35.20           2/21/05 0-40         2/22/05 11:52         19027         Shutdown         PEU 1796         P-1796         PS-541 Flare         1796-10A         Bithylene         83.00         35.20           2/21/05 0-40         2/22/05 11:52         19027         Shutdown         PEU 1796         P-1796         FS-541 Flare         1796-10A         Hexane         29.00         35.20           2/21/05 0-40         2/22/05 11:52         19027         Shutdown         PEU 1796         P-1796         FS-541 Flare         1796-10A         Hexane         29.00         35.20           2/21/05 0-40         2/22/05 11:52         19027         Shutdown         PEU 1796         P-1796         FS-541 Flare         1796-10A         Hexane         247.00         35.20           2/21/05 0-40         2/22/05 11:52         19027         Shutdown         PEU 1796         P-1796         FS-541 Flare         1796-10A         TOTAL VOCs         457.00         35.20           2/21/05 0-40         2/22/05 11:52         19027         Shutdown         PEU 1796         P-1796         FS-541 Flare		22.20.40		3	n.worsport	PEU 1796	FS-541	FS-541 Flare	1796-10A	Nitrogen Oxide	124.00	35.20	1.62
22 (105 0-40)         2 (20 05 11.52)         (90 27)         Shuldown         PEU 1796         P-1796         PS-54 Flare         1796-10A         Ethylene         83.00         35.20           22 (105 0-90)         2 (22 (95 11.52))         190 27         Shuldown         PEU 1796         P-1796         PS-54 Flare         1796-10A         Hexane         29.00         35.20           22 (105 0-90)         2 (22 (95 11.52))         190 27         Shuldown         PEU 1796         P-1796         PS-54 Flare         1796-10A         Hexane         98.00         35.20           3 (21 (15 0-40))         2 (22 (95 11.52))         190 27         Shuldown         PEU 1796         P-1796         PS-54 Flare         1796-10A         Hexane         247.00         35.20           221 (105 0-40)         2 (22 (95 11.52))         19027         Shuldown         PEU 1796         P-1796         PS-54 Flare         1796-10A         Pontane         247.00         35.20           221 (105 0-40)         2 (22 (95 11.52))         19027         Shuldown         PEU 1796         P-1796         PS-54 Flare         1796-10A         TOTAL VOCs         457.00         35.20           3 (20 0-20)         2 (22 (95 11.52))         3 (20 0-20)         P-1798         Drum         D-1567	54141	2/21/05 0:40	2/22/05 11:52	19027	Shutdown	PEU 1796	FS-541	FS-541 Flare	1796-10A	TOTAL NOx	130.50	35.20	1.90
2-21 to 0.930         2-22 to 5 11 to 0.930         1912 of Mandawan         Prior 1796	24176	2/21/05/0:40	2/22/05 11.52	19827	Shiddown	PEU 1796	P-1796	FS-541 Flare	1796-10A	Ethylene	83.00	35.20	16.80
22115   1949		2.21-05-0500	2027/2017	382	Nanddawa	PEU 1/95	P-1796	FS-541 Flare	1796-10A	Hexane	29.00	35.20	16,80
2/21/05 0:40         2/22/05 11:52         19027         Shutdown         PEU 1796         P-1796         RS-541 Flare         1796-10A         FOTAL VOCs         457,00         35.20           3/29/15 20/05         N29/05 21/25         19027         Shutdown         PEU 1796         P-1796         RS-541 Flare         1796-10A         FOTAL VOCs         457,00         35.20           3/29/15 20/05         N29/05 21/25         N29/05 21/25         N403         Eg         NA/OU 1798         P-1798         Drum         D-1567         Deceme         245.00         1.48           3/29/05 21/25         N/29/05 21/25         NA/OU 1798         P-1798         Drum         D-1567         Dodecene         16.00         1.48           3/29/05 21/25         N/29/05 21/25         N/29/05         EI/         NA/OU 1798         P-1798         Drum         D-1567         Discounce         0.20         1.48		9 0 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			LAODIGOS	207 July	P-1795	FS-541 Flare	1796-10A	Hexene	00.86	35.20	16.80
X.139/35 Z(1/9)         X.29/35 Z(1/9)         X.29/35 Z(1/9)         EE         NA/OU 1798         P-1798         Drum         D-1567         Butene         245.00         1.48           X/29/35 Z(1/9)         X/29/35 Z(1/9)         X/10/3         EE         NA/OU 1798         P-1798         Drum         D-1567         Deceme         85.00         1.48           X/29/35 Z(1/9)         X/29/35 Z(1/9)         X/10/3         EU         NA/OU 1798         P-1798         Drum         D-1567         Dodecene         16.00         1.48           X/29/35 Z(1/9)         D-1567         Dodecene         16.00         1.48           X/29/35 Z(1/9)         X/29/35 Z(1/9)         X/29/35 Z(1/9)         X/29/35 Z(1/9)         X/29/35 Z(1/9)         X/29/35 Z(1/9)         D-179/35         Drum         D-1567         Dicosence         0.20         1.48	54149	2/21/05 0:40	2/22/05 11-52	19027	Shutdown	PFI 1796	P-1796	FS_SAI Flare	1796-10A	FOTAL VOC.	45700	35.20	16.80
3/29/05/20/00         3/29/05/20/00         3/29/05/20/00         3/29/05/20/00         Drum         D-1567         Decene         85.00         1.48           3/29/05/20/00         3/29/05/20/00         3/29/05/20/00         3/29/05/20/00         3/29/05/20/00         1/29/05/20/00 <t< td=""><td></td><td>00.00 \$0.00.0</td><td>S. 12 SONS.S.</td><td>57 1</td><td></td><td>NAGU 1798</td><td>P- (798</td><td>Diam</td><td>D-1567</td><td>Bulene</td><td>245.00</td><td>- 42 - 24:00</td><td>000</td></t<>		00.00 \$0.00.0	S. 12 SONS.S.	57 1		NAGU 1798	P- (798	Diam	D-1567	Bulene	245.00	- 42 - 24:00	000
시간에는 1950년 1952년 - 1953 - 1951 WAGN 1795 P.1798 Drum D-1567 Dodecene 16,00 1,48 시간에는 1950 1950년 1952년 1795 - 1795 - FF NAGN 1798 P.1798 Drum D-1567 Bicosene 0,20 1,48	(1.84.5)	3/29/05 20:00	329465 21.29	7,463	PT:	NAOU 1798	P-3798	Drum	D-1567	Decene	85.00	34.1	0.00
	3480	3.7965.3650	7.11. Sano 37.	с. \$		NACH 1796	P! 798	Drum	D-1567	Dodecene	16.00	1.48	0.00
	39.50	0,947, 54,667,	3,093,531,24	3.7055	EF	NAGC 1798	P-1798	Drum	D-1567	Eicosene	0.20	- 4x	0.00

	P_1502		P_1502 Process Engitives E_1502-21	Propose Provingo	Propose Fugitius 8_1502_31
	P-1502			Process Engitives F-1592-31	Process Engitives F-1592-31
:	P-1592			Process Fugitives	Process Fugitives F-1592-31
	P-1592			Pracess Fugitives	Pracess Fugitives F-1592-31
1	P-1502		P-1592 Process Fugitives F-1592-31	Figures Fugitives	Process Fugitives F-1592-31
1	P-1592		P-1592 Process Engitives F-1592-31	Process Fugitives	Process Engitives F-1592-31
1 11	TK-31	TK-31 TK-31		TK-31	TK-31 126F
- 1	7		7	1K-31 126F	TK-31 126F Octene
	- X-3			13 <sub>4-</sub> 31 126F	13-31 126F Hexene
	<b>7</b>				TX-31 126F Ethylene
	77.27 77.27		15.7.7.	1975 1 10 TOTAL	1975 1 10 TOTAL
	1.6. 4J.	>-	V-Ant Light	or ct appril 04-V	XON TWIOT CH. SIRIT IOC-
	× -901		X-901 Flare	3901 Flare 45 1	X-901 Flate 45 Nitrogen Oxide
	X-901		X-901 Flare	X-991 Flure 45 1	X-901 Flure 45 Nitrogen Dioxide
	X-901		X-901 Flare	X-901 Flare	X-901 Flare 45 CO
	P-1792		X-901 Flare	X-901 Flare 45 To	X-901 Flare 45 TOTAL VOCs
- 6	P-1792		X-901 Flare	X-901 Flare 45	X-901 Flare 45 Propylene
- 1	P-1792		X-901 Flare	X-901 Flare 45	X-901 Flare 45 Propane
1	P-1792		X-901 Klare	X-901 Klare	X-901 Flave 45 Filhylenc
	P. 1792			Process Fugitives F-75-G	Process Fugitives F-75-G
1	P-1797		Z-101 Flare	Z-101 Flare 110 T	Z-101 Flare 110 TOTAL VOCs
	₽-1797	P-1797 2-101 Flare		2-101 Flare	Z-101 Flare 110
	P-1797		Z-101 Flare	Z-101 Flare 110	Z-101 Flare 110 TOTAL NOx
	P-1707		Z-101 Flare	Z-101 Flare 110	Z-101 Flare 110 Nitrogen Oxide
	P_1797	P.1797 7.101 Flare		7.101 Flare	7.101 Flare 110
	P-1798		Drum D	Drum D-1567 TOT	Drum D-1567 TOTAL VOCs 1
	P-1798	P-1798 Drum	Drum	Drum D-1567	Drum D-1567 Tetradecene
	P-1798	P-1798 Drum		Dan:	Daun D-1567
	P-1798	P-1798 Drum		Drum	Drum D-1567
3	P-1798	P-1798 Drum		Drum D-1567	Drum D-1567
1	P-J798			Drum <b>D-1567</b>	Drum <b>D-1567</b>
	P-1798			Drum D-1567 H	Drum D-1567
200	P-1798	9	Drim	Drim D-1567	Drinn D-1567 Ethylene
S.	Adittional urce Info/F	Ż	Additional urce Info/FIN Emission Point EPN	Emission Point	Emission Point EPN
42.00	PORT OF THE PROPERTY OF THE PR	PHONE PROPERTY OF THE PROPERTY			Amount

Table 1 - Violations of Hourly Limits

	61987		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	61987	100	580	61987	1 - 2	:: :4 :	61987	61859	55840	61859	65910	61859	55.65	2.1 6.2 2.2	61859	61859	61859	61859	55833	3.3	61859	61268	i Joseph		5 13 % 5 %	200	5 ] isk	4004	: <u></u>	2.00	01.20%	31268	58374	1 13 13 13 13	38335		18374	Tracking Number
	7/31/05 1:46			7/31/05 1:46		- 2010 2 Like	7/31/05 1:46			7/31/05 1:46	7/28/05 1:01	7/28/05 1:01	7/28/05 1:01	7/28/05 1:01	7/28/05 1:01	7/28/05/1301	7.28-05 1.91	7/28/05 1:01	7/28/05 1:01	7/28/7/5 1:01	7/28/05 1:01	7/28/05 1:01	722/05 1.55	7/28/05 1:01	7/15/05 0:30	717.57.77.10	715/05/030	7 15/03 6/30	7/15/05/0:30	7/15/05/05/0	215/05/050	7 (5 (5 0.3)	213/25/20	7.15/05 0:30	0.000 \$0.517	5/17/05 8:30	5.17 05.8.20	5/17/15 8:30		5/17/05/8:30	Start Date and Time
X24 915 5.25	7/31/05 6:59	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		7/31/05 6:59		5.55 \$42.1	7/31/05 6:59	100		7/31/05 6:59	7/28/05 11:51	2.28.05.11.51	7/28/05 11:51	728/05/11/51	7/28/05 11:51	7.28/9.5 11/51	72885 [1.5]	7/28/05 11:51	7/28/05 11:51	7/28/05 [1:5]	7/28/05 11:51	7/28/05 11:51	7.78/05 [1.5]	7/28/05 11:51	7/16/05 13:30	7115498 11 30	21648 12.30	DE 26 SEVO INC.	30.68 BJB	2/16/05 13:50	7/16/05 13 %	1355.03		21668133	7/16/05 13:30	5/17/05 9:20	32.4 50.21.5	X1748.920		5 17/05 9:20	End Date and Time
1.4 1.4 3.4 3.4	37063			37063		2.406.	37063		1.0	37063	37063	37863	37063	37063	37063	177	2783	37063	37063	3.706.3	37063	5786	3.70%,5	37063	1504A	7.05 2.25			15948	28.0	12/2/2				138.4	1504A		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		N F05	Authorization
To the	Ħ		Factor Control	EE	Æ	5	EE	100	=	盟	EE	M	Œ	EE.	Ħ	Ħ	177	EE	EE	Leann 1	EE	EZ.		Œ	<b>H</b>	ez: re		i mail Marie ( N )	75	Const.	77		77. (7.	Jan 1	bana tree	ਤੁਤ	=	198,400 1			Type of Event
EU 1592	NAOU 1797	Cel Crww	NA(#. 1.97	NAOU 1797	NAOK: 1797	NAOC 1797	NAOU 1797	Leg Utterski	NAOR, 1797	NAOU 1797	NAOU 1797	NAOU 1707	NAOU 1797	NAOU 1797	NAOU 1797	NAOC 1797	NAOU 1797	NAOU 1797	NAOU 1797	NAOU 1797	NAOU 1797	NAOU 1797	NAOU 1797	NAOU 1797	EU 1592	1597	2651 03	7641.031	5651 Në	. 3651.285	2651 38	269.08	Sec 1892	2651 DB	EW 1592	EU 1592 Shipping Area	Shipping Assa	Shipping Arm	2631.03	EU 1592 Shipping Area	Unit
P-1592	P-1797	2-1797	7. P. 1797	P-1797	P-1797	P-J 797	P-1797	P-1797	P-1797	P-1797	P-1797	P-1797	P-1797	P-1797	P-1797	P-1797	P-1797	P-1797	P-1797	P-1797	P-1797	P-1797	P-1797	P-1797	P-1592	p-3502	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	¥-1392	P-1597	P-1592	P-1592	5651-d	P-1592		P-1592	Adittional Source Info/FIN
Process Fundames	Fugitive		ragilies	Z-101 Flare	2-101 Flare	Z-101 Flare	Z-101 Flare	Z-101 Flare	Z-lui Flare	Z-101 Flare	Process Fugitives	Process Fugitives	SYS-740 Flare	SYS-740 Flare	SYS-740 Flare	SYS-740 Flare	SYS-740 Flare	SYS-740 Flare	Z-101 Flare	Z-101 Flare	Z-101 Flare	Z-101 Flare	Z-101 Flare	Z-101 Flare	Fugitives	Fugitives	Fugilives	Fugiliyes	Fugitives	Flightes	Fugitives	Fuguives	Fugitives	Fuginves	Fugüres	Process Fugitives	Process ingitives	Process Fugitives		Process Fugitives	N Emission Point
F-1505-31	F-130	F-130	F-130	110	011	110	110	110	110	110	F-130	F-130	136	136	136	136	136	136	110	110	110	110	110	110	F-160	F-160	F-160	1991-4 1991-4	F-160	F-160	F-160	F-160	691-3	F-160	F-160	F-1592-31	F-1592-31	F-1592-31		F-1592-31	EPN
2 Methyl Nonane	TOTAL VOCs	Hexane	Bulene	TOTAL VOCs	Hexene	Butene	TOTAL NOx	Nitrogen Oxide	Nitrogen Dioxide	8	TOTAL VOCs	Ethylene	TOTAL VOCs	Ethylene	TOTAL NOx	Nitrogen Oxide	Nitrogen Dioxide	8	TOTAL VOCs	Ethylene	TOTAL NOx	Nitrogen Oxide	Nitrogen Dioxide	8	TOTAL VOCs	Propylene	Propane	Pentene	Pentanc	Propadiene	Нехапе	Butene	Butane	Benzene	l,3-Butadiene	TOTAL VOCs	trans-Piperylene	Pentane		Isoprene	Pollutant .
=	129.00	10.00	119.00	00.861	15.00	183.00	9.40	8.90	0.50	67.70	2675.00	2675.00	36.90	36.90	10.35	9.83	0.52	20.30	135.16	135.16	13.31	12.65	0.66	95.15	1493.90	797.60	122.80	18.40	64.50	29.70	67.90	357,40	13.50	39.10	183.00	2306.00	168.34	1068.26		290.09	Released (lbs)
20.0	5.22	5.22	13	5.22	\$.22	5.22	5.22	رد تا در با	5.22	5.22	10.83	10.83	10.83	10.83	10.83	10.83	10.83	10.83	10.83	10.83	10.83	10.83	10.83	10.83	37.00	37,00	37.00	37,00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	0.83	0.83	0.83	Annual Street,	0.83	Duration (hrs)
2.46	5.67	5.67	5.67	79.70	79 70	79.70	4.95	4.90	4.90	35.70	5.67	5.67	0.01	0.01	0.05	0.05	0.05	0.11	79.71	79.71	4.95	4.95	4.95	35.72	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	12.46	12.46	12.45		T2.#6	Keported Emission Limit (lbs/hr)

Tracking	Start Date and	End Date and				Adittional				Amount Released	Duration	Reported Emission Limit
Number	Time	Time	Authorization	Type of Event	Ç E	Source Info/FIN	N Emission Point	EPN	Pollutant	(lbs)	(brs)	(lbs/hr)
52.54	8/24/05 5:15	8/24/05 5:20		he tri	EU 1592	P-1592		F-1592-31	Benzene, butyt-	0.22	0.08	12.46
S	8/24:05 5:15	8/24/05 5:20	1504.4	Person 1	EU 1592	P-1592	Process Fugitives	1:-1592-31	Benzene	10.00	0.08	12.46
63454	8/24/05 5:15	8/24/05 5:20	13944	PROM T	EU 1592	P-1592	Process Fugitives	F-J592-31	Cyclopentadienc	0.29	9.08	12.46
13.4 13.4 13.4 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14	8/24/05 5:15	8/24/05 5:20	1504A	tr.	EU 1592	P-1592	Process Fugilives	F-1592-31	Dicyclopentadiene	4.65	80.0	12.46
5434	8.24/05 5:15	8/24/05 5:20	1504A	æ	26£1 NH	P-1592	Process Fugitives	F-1592-31	Ethylbenzene	0.44	0.08	12.46
0434	8/24/05 5:15	8/24/05 5:20	15044	333	EU 1592	P-1592	Process Fugitives	F-J592-31	Indene	0.44	80.0	12.46
:3434	8.24 05 5:15	8/24/05 5:20	1504A	E	EU 1592	P-1592	Process Fugitives	F-1592-31	Рептапе	0.41	80.0	12.46
57.174	8/24/05 5:15	8/24/05/5/20	18/4/3	ಹ	EU 1592	P-1592	Process Fugitives	F-1592-31	Styrene	2.44	80.0	12.46
100	8/24/05/5:15	8/24/05/5:20	1504A	E	EU 1592	P-1592	Process Fugitives	F-1592-31	foluene.	2.18	0.08	12.46
134	804648-1A	200		725	EI 1 4502	P_1 < 0.7	Process Facilities	F_1597_31	Trimethylbenzene,	0 44	0.08	1246
0 11 11	5/24/65/51/S	ND4/05 5:20	)5344		EU 1592	P-1592	Process Fagitives	F-1592-31	Xvlene	9.63	9.08	12.46
63434	8/24/05 5:15	8/24/05 5:20	1504A	E	EU 1592	P-1592	Process Fugitives	F-1592-31	TOTAL VOCs	22.24	0.08	12.46
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	8	10289.58	237.25	731.14
1. N. S.	9/21/9/5/12/00	513548,001	1385	Dwoppters	EU 1592	P-1592	CB-701 Place	1592-16	Nitric Oxide	1353.39	237.25	101.23
3.00	0.21/0.5 12:00	516 54,1/6,	1504.5	Shudawa	EU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	71.23	237.25	101.23
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOx	1424.62	237.25	283.51
0.4862	9/21/9/\$ 12:00	51.6 507.1/01	7 7 7	: nadoven	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	589.86	237.25	1795.72
\$ XX	92138 (20)	516 30130	 1.1. 1.2. 1.3. 1.4. 1.4. 1.4. 1.4. 1.4. 1.4. 1.4	i udosa	EU 1592	P-1502	CB-701 Flave	1592-16	Acetylone	22.05	237.25	1795.72
3.00 120 120 120 120 120 120 120 120 120 1	00:11:50,10:00	W 18 20 3	1 45 - 22 - 22 - 24 - 24	awalin ii	2651 NG	P-1592	CB-701 Flare	1592-16	Benzene	824.44	237.25	1795.72
		3		7 - WAD	第二级5	∑6 <u>5</u> 1~ã	CB-701 Flare	1592-16	Виципс	271.70	237.25	1795.72
145	3)23/35-12/06	52.83		Tallowa Tallowa	2651.03	P-1592	CB-701 Flare	1592-16	Butene	157.48	237.25	1795,72
				a series	2651:18	1.651-ત	CB-701 Flare	1592-16	Ethylene	3283.50	237.25	1795.72
3	977 0 1760	50.05.91.	Y	G Nephys .	087 1592	P-1592	CB-791 Flare	1592-16	Methylacetylene	64.15	237.25	1795.72
	4011 / Chie	10.135.475		3 5 5	5651.033	F-1592	CD-701 Flare	1592-16	Pentane, N-	468.16	237.25	1795.72
350	9/21/05 12:00	200.08.602	3	- Divergence	2651 公司	P-1592	CB-701 Flare	1592-16	Propadiene	47.65	237.25	1795.72
	183 TV 1348	38.25.		i i i i i i i i i i i i i i i i i i i	18: 1592	5051°d	CB-701 Flare	1592-16	Propane	898.89	237.25	1795,72
. <del>k</del>	8		\$ 2		E 132	5651-4	CB-701 Flare	1592-16	Propylene	3233.08	237.25	1795.72
Å.	\$200 SA				10 10 10	2651-d	(18-70) Flare	1592-16	Toluene	273.92	23.7.25	1795.72
	80.00	34.94		10000	EC 1592	P-1592	(3)-701 Flare	1592-16	Xylene	180.76	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	10315.64	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	8	144.32	237.25	85.18
	0000 STREET	25.25.25		i i i i i i i i i i i i i i i i i i i	2661 . 255	P-1592	CB-710 Flare	1592-40	Nitric Oxide	18.98	237.25	11.79
E	25 C. T. T. T. S.	3	18	Cardona	2651.16	P-1592	CB-710 Flare	1592-40	Nitrogen Dioxide	1.00	237.25	11.79
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	TOTAL NOx	19.98	237.25	0.04
		3			28.785	2651-8	CB-710 Flare	1592-40	Acctylene	5.00	237.25	85.09
:: : **: : **:	5000000			St utdown	5681.593	P-1597	CB-710 Flare	1592-40	Ethylene	200,00	237.25	85.09
	\$2000			Radhine	J651 183	P-1592	CB-710 Flare	1592-40	Propane	0.50	237.25	85.09
	50 No 1266	901 85 200	15043	Solvatelow a	EU 1391	P-1592	CB-710 Flare	1592-40	Propylene	0.50	237.25	85.09
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	TOTAL VOCs	206.00	237.25	85.09
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	Z-101 Flare	110	8	393,39	14.00	35.72
.: 72 73	2012 CM	50155 C48	37003	Sadown	NAOU 1797	P-1797	Z-101 Flare	011	Nitric Oxide	51.74	14.00	4.95
ii in in	\$17.7 DO	#A2.55.72.6	37063	September 1	NAOU 1797	P-1797	2-101 Flare	110	Nitrogen Dioxide	2.72	14.00	4,95
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL NOx	54.46	14.00	4.95
325	1 Grand County .	. 070 W. T.W.	1 Water 5		V(1) (14) (14)							

Shardown   NAOU 1792   P-1792   SYS-2-90   Flanc   136   Ellyleine   120.035   140.00   40.00	9:22/65   1-30	
Shindown   PEU 1792   P-1797   SYS-749 Flare   136   TUTAL VOCS   126.55   14.00	9:22/65   1-30	9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05
Shudown   PEU 1792   P-1792   X-901 Flare   45   Nitrogan Dioxide   23.5.0   23.5.0	9:23/65   1-30 (9)22 (9) 9:22/65   1-30 (9)22 (9) 9:22/65   11-30 (19)2 (9) 9:22/05   11-30 (19)27 (8) 9:22/05   11-30 (19)27 (8) 9:22/05   11-30 (19)27 (8) 9:22/05   12-30 (19)27 (9) 9:22/05   12-30 (19)27 (19)	9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05
Shudown	9:23/65   1-30 (9)22 (3 9:22/65   1-30 (9)2 (3 9:22/65   1-30 (9)2 (3 9:22/05   11:30 (19)27 (8 9:22/05   11:30 (19)27 (8 9:22/05   12:30 (19)27 (8 9:22/05   12:30 (19)27 (9)21/05   12:30 (19)22 (19)	9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05
Shutdown   NAOH   757   Parl PM   VSS-740 Flate   136   TOTAL VOCa   126.55   14.00	9:22/65   1 × 10   (9) 2   5   (9) 2   5   (9) 2   5   (9) 2   5   (9) 2   5   (9) 2   5   (9) 2   5   (9) 2   5   (9) 2   5   (9) 2	9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05
Shadown   NAOU 1797   P-1797   SYS-MD Hare   136   ITOMA IVOCA   126.53   14.00	9/22/65   1/40   (982)   9/22/65   1/40   (982)   9/22/65   1/40   (982)   9/22/65   1/40   1/40/2   9/22/65   1/40   1/40/2   9/22/65   1/40   1/40/2   9/22/65   1/40   1/40/2   9/22/65   1/40   1/40/2   1/40/	9/2   1/3 9/2   1/3 9/2   1/3 9/2   1/3 9/2   1/3 9/3   1/3 9/3   1/3 9/3   1/3 9/3   1/3
Shadown   NAOU 1797   P-1797   SYS-740 Plane   136   TOTAL VOCK   126.55   14.00	(932) (932) (932) (932) (933) (933) (943)	9/2 1/3 9/2 1/3 9/2 1/3 9/2 1/3 9/2 1/3 9/2 1/3 9/3 1/
Shadown   NAOJ   15   Pr.   N. YS40 Plate   136   Elhylene   12015   Hold	(93) (93) (93) (93) (93) (93) (93) (93)	9/2 1/3 9/2 1/
Shandown   NAOJ   19   P-1997   SYS-440 Flate   136   Dillylone   120.03   Holdown   NAOJ   199   P-1997   SYS-440 Flate   45   CO   415.33   223.50	(912) (912) (912) (912) (912) (913) (913) (913) (913)	9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05 9/21/05
Shadown   NAM   150   Elliyleare   136.0   Elliyleare   136.0   Shadown   NAM   150   PEU   1792   NSS-240   Flare   136.0   CO	(942) (942) (942) (942) (942)	
Shadown   NAU 1797   P-1797   SYS-240 Hate   136   Elhyleare   120.03   4.00	(912) (912) (912) (912) (912)	
Shudown   NAULITY   P-1797   SYS-40 Hare   156   Efflyiene   120.03   14.00	(912) (912) (912)	
Shutdown	2,986	
Shutdown   PEU 1792   P-1792   X-901 Flare   45   Nitrogen Dioxide   23.50   223.50	(386)	
Shudown   PEU 1792   P-1792   X-901 Flare   45   CO   415.33   233.50	(246.)	
Shutdown   PEU   792   P-1792   X-901 Flare   45   CO   116.96   123.50	7.0	
Shardown   NAOU 1797   P-1797   SYS-740 Flare   136   TOTAL VOCS   126.55   14.00		1
Shardown   NAOU 1797   P-1797   SYS-740 Flare   136   TOTAL VOCS   126.55   14.00	9/22/05 11:30 19027 Sh	64936 9/21/05 11-30
Shutdown   NAULISS   P-1797   SYS-740 Flare   126   Ethylene   126   Ethylene   126   Shutdown   NAULISS   P-1797   SYS-740 Flare   136   TOTAL VOCs   126.55   14.00	9/22/05 11:30 19027	
Shutdown   NAOU 1797   P-1797   SYS-740 Flate   136   Ethylene   120.03   14.00	9/22/05 11:30 19927	921:35 11:20
Sintidown   NAOU 1797   P-1797   SyS-740 Flare   136   Efflyione   120.03   14.00	9/22/05 11:30 19027 Sh	64936 9/21/05 11:30
Shutdown   NAOU 1797   P-1797   SYS-740 Flare   136   Efflyteine   120.03   14.00	9/30/05 13:00 2462C St	64928 9/26/05 6:00
Shutdown   NAOU 1797   P-1797   SYS-740 Flare   136   Efflyteine   1203   14.00	2453	1,197, R 17, 9/2 (c) 15 (c) 00
Shutdown   NAOU 1797   P-1797   SYS-740 Flare   136   TOTAL VOCS   126.55   14.00	9,5803 1338 24527 3	11 (25 1) 8 (30 )
Shutdown   NAOU 1797   P-1797   SYS-740 Flare   136   TOTAL VOC3   126.55   14.00	5 2 2	1472
Shutdown   NAOU 1797   P-1797   SYS-740 Flare   136   TOTAL VOC3   126.55   14.00	9/30/05 13:00 2462C S1	64928 9/26/05 6:00
Shutdown   NAOU 1797   P-1797   SYS-740 Flare   136   TOTAL VOC3   126.55   14.00		969 10 859 10 859
Shutdown   NAOU 1797   P-1797   SYS-740 Flare   136   TOTAL VOC3   126.55   14.00	3000 546 3000	
Shutdown   NAOU 1797   P-1797   SYS-740 Flare   136   TOTAL VOC3   126.55   14.00	9/30/05 13:00 2462C St	64928 9/26/05 6:00
Shutdown   NAOU 1797   P-1797   SYS-740 Flare   136   TOTAL VOC3   126.55   14.00	9/30/05 19:30 2462C Sh	64926 9/21/05 12:00
Shutdown   NAOU 1797   P-1797   SYS-740 Flare   136   TOTAL VOCs   126.55   14.00		
Shutdown   NAOU 1797   P-1797   SYS-740 Flare   136   TOTAL VOCs   126.55   14.00		
Shutdown   NAOU 1797   P-1797   SYS-740 Flare   136   TOTAL VOCs   126.55   14.00	9,605,10.30	Malianta atten
Shutdown   NAOU 1797   P-1797   SYS-740 Flare   136   TOTAL VOCs   126.55   14.00	9/30/05 19:30 2462C Shu	64926 9/21/05 12:00
Shutdown   NAOU 1797   P-1797   SYS-740 Flare   136   TOTAL VOCs   126.55   14.00		* W.Y
Shutdown PEU 1792 P-1792 X-901 Flare   45 CO   415.53   223.50   1.00	9 48 49 19, 49 1 25 27	9.21/15 (2.00)
Shutdown NAOU 1797 P-1797 SYS-740 Flare 136 TOTAL VOCs 126.55 14.00	9/30/05 19:30 2462C Shi	64926 9/21/05 12:00
100 F1/9/ SYS-740 Hare 136 Ethylane 120.05 14.60	9/22/05 2:00 37063 Sh	64887 9/21/05 12:00
		ASS 22 92 1340
55 down NAOU (797 P-1797	\$128.5000 DOB 3788 11 15 150	124x2
3 Shutdown NAOU 1797 P-1797 SYS-740 Flare 136 TOTAL NOx 36.21 14.00 0.05	9/22/05 2:00 37063 Sh	64887 9/21/05 12:00
Stadlesm NAOI 1797 P-1797 SYS-740 Flare 136 Nitrogen Dioxide 1.81 14.00	2025 260 3766 SA	NSK7
Standown NAOU 1797 P-1797 SYS-740 Flare 136 Nitric Oxide	972315 2310 17653 35	-3887 9/21/05 (2:00
Shutdown NAOU 1797 P-1797 SYS-740 Flare 136	9/22/05 2:00 37063 Shu	64887 9/21/05 12:00
Shutdown NAOU 1797 P-1797 Z-101 Flare 110 TOTAL VOCs 527.98 14.00	37063	: - '
Type of Event Unit Source Info/FIN Emission Point EPN Pollutant (bs) (hrs)	Time Authorization Type	Number Time
Amount Reported Addittional Released Duration Emission Limit	End Dare and	Tracking Start Date and

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Byont	004 NA(B) 178 NA(B) 178 NA(B) 179 NA(B) 179	Additional Nource Info/FIN P-1798 P-1798 P-1798	7900 7 77 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FPN 1798-22 1798-22 1798-22	<b>Pollutant</b> Butene Deceme Ethylone	Amount Released (05) 95.18 2.12	Duration (4.7) 27.00 27.00 27.00
13 2			<u> </u>		WAOX 1798	F-170x	Z-1101 ) Hare	1798-22	Ethylene	1123.2	
* 12 \$ 12 \$ 19 1	977 PS 1390	92888	37867		NAOU 1798 NAOU 1798	P-1798	Z-1101 Plure	1798-22 1798-22	Hexone Octene	0.92	
65405	9/27/05 13:30	9/28/05 16:30	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	1227.53	. 1
65815	10/5/05 10:30	10/10/05 14:47	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	co	17134.98	
3.5.5	90.01 50.8/01	]#1045 ;447	550d A		EU 1592	P-1592	(B.70) Flare	1592-16	Nitric Oxide	2253.77	
3 3 3.		[0.10.00] O.10.10	2405	er Fr	EC 1592	P-1592	CB-70) Flare	1592-16	Nitrogen Dioxide	118.62	1
65815	10/5/05 10:30	10/10/05 14:47	1504A	Œ	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOx	2372.39	
	10/5/15/10:50	19/0/5/15/19	15016	ee er	EU/1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	2229.80	:
3.50	08.01.10.301	10.10/05 14:47	u u u	m	EU 1592	P-1592	CB-701 Flare	1592-16	Acetylene	58,65	
55 55 57 57	10/5/05 10:30	10/10/05 55-17	15043	m	EU 1592	P-1592	CB-701 Flare	1592-16	Benzene	1297.15	1
383	05:01:50:5/01	15/11/5/6/01/6/1	1504.2	jung jung	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	266.42	
	10/5/05 10/30	14/18/8/55	15045	nerow v. fr. V. Fr. V. T. v.	S651 718	P-1592	CB-701 Flare	1592-16	Butene	2490.02	
: 3 :3: :3:	10/5/08 10:30	240	5542	ET Ey	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	11026.50	
	94-441 SEEG 01	12/16/95 12 42°	T (E)	7	2651 OM	P-J592	CB-701 Flare	1592-16	Нежеле	4,81	Ī
	00.001 \$0.5001	7 Sept W	13617	S	EU 1592	P-1592	CB-701 Flare	1592-16	Propadiene	85.011	
16. 20 17.	10/5/03 10:30	9	15045	21.8	EU 1592	P-1592	CB-701 Flure	1592-16	Pentane	405.49	
7 133 174.	(9/5/05 10,76	98 38 38 44	- S		EC 1392	P-1592	CB-701 Flure	1592-16	Pentene	534.21	
: ģ	06:34)5 14:30	10116051145		177	EU 1592	P-1592	CB-701 Flare	1592-16	Propane	68.03	1
		10.1005.14.57			EU 1592	¥-1592	CB-701 Flare	1592-16	Propylene	2681.48	
	10/5/03 10:30	10/10/28/14/27	15 SA	15	HU 1592	P-1592	CB-701 Flare	1592-16	Тојцепе	877.28	124.28
35	10/5/05 (0:30	10/19/05 145/7	Viss	33	EU 1592	P-1592	CB-701 Flare	1592-16	Xylene	344.95	
65815	10/5/05 10:30	10/10/05 14:47	1504A	ŒE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	22395.17	Ī
65815	10/5/05 10:30	10/10/05 14:47	1504A	Œ	EU 1592	P-1592	CB-710 Flare	1592-40	8	85.39	
5. 54 54	0/5/03 10/30	10000014,47	25.5	(Ti	EU 1592	P-1592	CB-710 Flare	1592-40	Nitric Oxide	11.23	: :
5% 5% 5%	00:00 (00:00)	10/10/05 14-47	T.	rr.	EU 1592	P-1592	CB-710 Flare	1592-40	Nitrogen Dioxide	0.59	
65815	10/5/05 10:30	10/10/05 14:47	1504A	Œ	EU 1592	P-1592	CB-710 Flare	1592-40	TOTAL NOx	11.82	
21815	10/5 15 10/30	10.1048-14-57	77.27		EU 1502	P-1592	CB-710 Flare	1592-40	Acetylene	15.16	
5.5.50 5.50 5.50 5.50 5.50 5.50 5.50 5.	10/5 : 10/30	3 51 50/00/21		5.7	EO 1592	P-J592	CB-710 Flure	1592-40	Ethylene	51.15	124.28
	0.6301.5435.001	10/10/05 14:7	185	B.	2651 38	P-1592	CB-710 Flare	1592-40	Propylene	0.83	
65815	10/5/05 10:30	10/10/05 14:47	1504A	EE	EU 1592	P-1592	CB-710 Flare	1592-40	TOTAL VOCs	67.12	124.28
68710	12/1/05 15:30	12/4/05 12:00	46305	EE	PEU 1799	P-1799	Flare	1799-20	co	3380.00	68.50
\$1 5	00313000	1286 2 8		127	00.6.1.1.1.8.d	P-1799	7) (2)	1799-20	Minric Oxide	374.30	68.30
01637	(95.08 (5.30)	1549 752	上: 第:		6641 0346	56.21-d	T	1799-20	Nitrogen Dioxide	19,70	08.50
68710	12/1/05 15:30	12/4/05 12:00	46305	EH	PEU 1799	P-1799	Flare	1799-20	TOTAL NOx	394.00	68.50
33880	DX 97 25-15	13/8/08/23/13		-22 i	PEU 1780	50, 1-d	Process Fugitives	F-75	Ethylene	136.00	
68962	12/8/05 23:12	12/8/05 23:13	2462C	HH	PEU 1792	P-1792	Process Fugitives	F-75	TOTAL VOCs	136.00	
70202	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	8	6396.44	
100	34701 SVII. I	117.86 10.00	424	(chapping)	187 1592	P1592	CB-701 Flare	1592-16	Nitric Oxide	841.32	
2000	M 199 1060	17798 1039	15044	Si sudewa	EU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	44.28	
70202	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOx	885.60	Ī
- 1900s			-5043	Constitution of the consti	(65.1.15)	P-1592	CR-701 Plans	91-7651	1.3-Rutadiene	785.68	:
11500			A STATE	I A CONTRACTOR	E7. 1785	(0.71 12	(0-70) Phys	21.03.1	1,0-Dukotete	10.01	Ť
			200	PANAMAZAN N. N.				79/-15	DOM V PHP		**

Table 1 - Violations of Hourly Limits

76.95	\$2.00		70395	25.53	Su£0.	70395	70395	70395	763.95	20502	56400	76505	pagas	S650.	70395	\$ 52	2005	70395	70394	165-140 165-140	.55%	2000	3	3	70202	# # #5		CPC at	78.55	70202	332		70202	70202	THERE	CINCLE	76262	10701	3	3	1034	125		:070.	Tracking Number	
118/05 19:00	00:01 46:614	128	1/18/06 10:00	1.18.09 10:00	1/18/95 19:00	1/18/06 10:00	1/18/06 10:00	00:01 90:8[7]	(40.01 90/81/1	1/18:05 10:00	1/13//5/10/00	1/18/65 10:08	1.18/05 10/96	1/18/06 19:00	1/18/06 10:00	00701 S0/S1/J	17835-1036	1/18/06 10:00	1/15/05 15:46	U15005 1546	1715/05 155%	0.000	1755 355	13 13 13 15 15	1/11/06 10:00	51) vo 1600	7 (10 do 10	C11 10.00	00:01 5/2/1973	1/11/06 10:00	90091 SE4104	0.000	1/11/06 10:00	1/11/06 10:00	00.01 98117	60001 99/11/3	1.11/92 10:00	(31/08/10:00	00:01 50:11/1	00501 90/ILT	00:01 % 10:00	11792 10300	00:01 8:01 U	00/01 90/11/1	Start Date and Time	
. 105/05/10/08	1.75-780 100-001	13%% 10%	1/25/06 10:00	1/25/06 10/00	1-25/06 10:00	1/25/06 10:00	1/25/06 10:00	1/25/06 10/00	1.25/06 (0.00)	1/25/06 10:00	1.25 06 19:00	1/25/16 10/00	125/06/10/00	1.75/06 10:00	1/25/06 10:00	1:25/06 10/00	12248 1000	1/25/06 10:00	1/15/05 16:46	11598 1648	1/15/05 15:46	1158 183	- - - - - - - - - - - - - - - - - - -	113/00 16 45	1/17/06 10:00	****		#10 00 15 150	11798 35/8	1/17/06 10:00	1 17 (% (0,%)	13706 4644	1/17/06 10:00	1/17/06 10:00	1/17/06 10:00	1/1/7/06 10:00	00.01 90.011	0.01 90.21.1	J-1746 R (E)	1417406 10 60	178	) 174W 10-00	1/0 7/06 16:50	J.:17/06 10:90	End Date and Time	
1044		14 15 15 15	1504A	75057	1,561.5	1504A	1504A	VWKI	13044	NA SERVICE AND A	15947	1.4097	15044	130/A	1504A	. 130%	15955	1504A	1504A	15045	1,304.5	1,550			1504A	Ž.			골문	1504A			1504A	1504A	ŢŢ	1,50,23	1323	7.88.7	15045	77.		9		1.504.4	Authorization	
CIP/TED.	Sartup	Calla	Startup	Manup	Startup	Startup	Startup	Startup	Martup	Skriws	dinak	(finase)	Siartup	Startup	Startup	Siarwp	dans	Startup	H	E.	ži.	m	Saure Ross	÷.	Shutdown	To see the see		carepassi,	= Shadawn	Shutdown	akanpir ::	Ewopat as	Shutdown	Shutdown	Shuldown	Tweldhed:	Shuidowa	MAODITES:	himidowa	Suidowa	Shadowa	Wedping	Standown	Shudown	Type of Event	
(151)	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	BU 1592	EU 1592	EU 1592	EU 1592	BU 1592	EU 1592	EU 1592	EU 1592	T651 DB	EU 1592	EU 1592	EU 1592	Z651 DR	. EU 1593	E0: 1592	je (3).	## T##	EU 1592	FE 1985	世、元気	EWE 1.280	EU   592	EU 1592	3651.08	5651 DH	EU 1592	EU 1592	EU 1592	BU 1592	EU 1592	T6\$1 file	Z651 NH	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	Unit	
P_1 507	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	p-1592	P-1592	P-1592	5651-d	P-1592	P-1592	£-1592	P-1592	. ₹-1592	5-1-502	P. 1592	P-1592	P-1502	2831 e	T651-4	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	ğ-1592	P-1592	P-1592	P-1592	Aditional Source Info/FIN	
(B.710 Flame	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flure	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flure	CB-701 Flare	CB-701 Flare	CB-701 Flure	CB-710 Flare	CB-710 Flare	C3-710 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flure	CB-710 Flare	CB-701 Flare	CB-701 Flure	('13-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flure	CB-701 Flare	CB-701 Flare	CB-701 Flare		Emission Point	
1502_40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	EPN	
Drowlens	Ethylene	Acetylene	TOTAL NOx	Nitrogen Dioxide	Nitric Oxide	co	TOTAL VOCs	VOC	Propylene	Pentene	Ethylene	Butene	Butane	1,3-Butadiene	TOTAL NOx	Nitrogen Dioxide	Nitric Oxide	8	TOTAL VOCs	VOC	Propylene	Propane	Ethylene	1,3-Butadiene	TOTAL VOCs	VOC	Propylene	Ethylene	Acetylene	TOTAL NOx	Nitrogen Dioxide	Nitric Oxide	S	TOTAL VOCs	Xylene	VOC	Toluene	Propylene	Pentone	Propadiene	Ethylene	Butene	Butane	Benzene	Pollutant	
48	263.00	38.00	46.00	2.00	44.00	332.00	13066.00	179.00	667.00	157.00	11109.00	429.00	208.00	317.00	2041.00	102.00	1939.00	14743.00	6146.00	566.30	469.90	356.10	4586.00	167.70	209.98	1.79	3.17	195.05	9,97	28.67	1,43	27.24	207.13	4772.85	18.45	215.73	30.04	1545.55	73.25	4.57	2226.44	76.45	132.62	105.06	Released (lbs)	Amount
00.001	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	1.00	1.00	1.00	1.00	1.00	1.00	144.00	00'1-1-1	007171	144.00	144,00	144.00	144,00	144.00	144.00	144.00	144.00	144.00	144.00	144.00	144,00	144.00	144.00	144.00	144.00	144,00	Duration (hrs)	100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
25.00	85.09	85.09	0.04	11.79	11.79	85.18	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	283.51	101.23	101.23	731.14	3150.40	3150.40	3150,40	3150.40	3150.40	3150.40	85.09	85.09	85.09	85.09	85.09	0.04	11.79	11.79	85.18	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	Emission Limit (lbs/hr)	Reported

2.02	4.00	0.3-7								The second of the second		
2.02	The second secon	03 FC	Pentene	134		1621-4	NAOU 1797	e de la companya de l	10 강 중:	* (4) (4) (4) (4)	4400×1342	Z.
707.7	4.00	9.26	Pentane, N-	!34	Trap	P-1791	NAOR 1797	144.3   1-22				
	4.00	62.52	Isoprene	134	Trip	P-1791	NAOU 1747	nc er	3756	きを製りを	\$3000 Date	
2.02	+.00	39,94	Isopeniane	134	chail.	P-1791	NAOU 1757	15/0	5.34.	7 19/10 T.C.	44 5 E.	
2.02	4.00	79.38	Dicyclopentadiene	134	12	P-1793	MAON: 1707	i gran	(40.5)	土をおうち	大学を こうなん	2 7
2.02	4.90	45.52	Cyclopentene	134	Eg	P-1791	NAOC 1767	140			SE 21 ST 400.	
2.02	4.00	23.18	Cyclopentadiene	134	12	P-170)	XX60.387				100 market	i di
2.02	4.90	دروا چيوا پروا	Butene	134	()					- 12 - 23 - 23 - 13		
2.02	48	من 44	2-Butyne	134		P.170			3			
79.71	0.55	498.64	TOTAL VOCs	110	Z-101 Flare	P-1791	NAOU 1797	EE	37063	4/28/06 16:40	4/28/06 16:07	75108
79.71	0.55	46.99	VOC	110	7-10) Flare	5-176	ALC TON					
79.71	0.55	26.11	Piperylene	110	Z-10) Plare	1 157 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(5) (5)					. ::
79.71	0.55	26.11	Pentene	110	7-101 Flare	P.1791	NACK 1797	F	1 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1			 - = <u>:</u>
79.71	0.55	68,40	Pentadienes	011	. 2-101 Flare	16£17ď	NAGC 1797		37062	475/36 16/36	\$28 On Loc07	
79.71	0.55	78.32	Pentane, N-	110	Z-101 Flare	164116	SCHOOL SERVICE					5
79.71	0.55	78.32	Isoprene	110	Z-101 Flare	P. [79]	NAOK 1797					- - <u>/</u>
79,91	0.55	67.88	tsopentane	011	2-101 Flare	P-1791	NAOC 1797	port	77(8)3	123/05/6.45	1.28/25/15/07	. <u></u>
79.71	0.55	57.43	Dicyclopentadiene	110	2-101 Flare	P-1791	NAOU 1797	173	37963	4/28/36 15/40	1/28 f/o 16:07	3
79.71	0.55	49.08	Cyclopentadiene	110	Z-101 Flare	P-1791	NAOU 1797	Feet ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	37963	128/06 (6:49	4/28/08 15:07	
7.44	0.50	683.00	TOTAL VOCs	F-75	Process Fugitives	P-1792	PEU 1792	EE	2462C	4/25/06 11:45	4/25/06 11:15	74916
7.37	0.50	683,00	Ethylene	F-75	Process Fugitives	P-1792	PEU 1792	語	24820	42596 III-45	4/25/06 11:15	
1.08	72.00	404,00	Аптопіа	1592-01A	BA-101	P-1592	EU 1592	EE	1504A	3/9/06 15:00	3/6/06 15:00	72547
7.37	0.08	351.00	TOTAL VOCs	F-75	Fugitive	P-1792	PEU 1792	EE	2462C	3/4/06 1:12	3/4/06 1:07	72456
7,37	80.0	351,00	Ethylenc	F-75	Fugitive	P-1792	Z62.1 NBd	100 a	2800	3/4/06 1/12	34405 1:97	Ų V
3150.00	11.05	14306.50	TOTAL VOCs	1592-16	CB-701 Flare	P-1592	EU 1592	EE	1504A	1/24/06 8:17	1/23/06 21:14	70786
3150.00	11.05	1336.50	VOC	1592-16	CB-701 Flare	P-1592	EU 1592	K	15945	1/24-06-8:17	1/23/06/21/14	To Tke
3150.00	11,05	2340.80	Propylene	1592-16	CB-701 Flare	P-1592	EU 1592	F	13044	1/24/06 8:1"	1/23/8/6/21/14	78786 8
3150,00	11.05	2930.70	Propane	1592-16	CB-701 Flare	P-1592	EU 1592	S	-414	1/24/06/8:17	1/23/00/21/14	SALLE.
3150.00	11.05	7503.70	Ethylene	1592-16	CB-701 Flare	P-1592	EU 1592	S	15045	1/24/06 8:17	1/23/06/21:14	79786
3150,00	11.05	194.80	1,3-Butadiene	1592-16	CB-701 Flare	P-1592	EU 1592	FT.	15043	1/24/06 8:17	1/23/06/21/14	: ::::::::::::::::::::::::::::::::::::
731.14	11.05	21.10	ප	1592-16	CB-701 Flare	P-1592	EU 1592	EE	1504A	1/24/06 8:17	1/23/06 21:14	70786
3150.00	1.33	8371.49	TOTAL VOCs	1592-16	CB-701 Flare	EU-1592	EU 1592	ᄪ	1504A	1/22/06 15:42	1/22/06 14:22	70666
3150.00	1.33	781.70	VOC	1592-16	CB-701 Flare	EU-1592	EU 1592	tro tri	IA OFFICE AND A SECOND PROPERTY OF THE PROPERT	E2206-1542	10246 (4:13	が表金
3150.00	1.33	725,40	Propylene	1592-16	CB-701 Flare	EU-1592	EU 1592	Pr.	E.	172/46 15:52	F22/06 14:22	TOTAL TOTAL
3150.00	1.33	1742.89	Propane	1592-16	CIS-701 Flure	EU-1592	EU 1592	TE OF	35.7	1.22/06/15:42	1/22/06 14:22	Translation .
. 3150.00	1.33	5000.60	Lithylene	1592-16	CB-701 Flare	EC+1542	EU 1397	**** (21		1/22/06 15:42	1/22/16/14/12	(899)
3150.00	1.33	120.90	1.3-Butadiene	1592-16	CB-701 Flare	EU-1503	FU (592)	277 171	25	1.22/05/15:42	M22/06 F4:22	74656
3150.40	2.20	8049.60	TOTAL VOCs	1592-16	CB-701 Flare	P-1592	EU 1592	田	1504A	1/19/06 3:42	1/19/06 1:30	70583
3150.40	2.20	778.00	VOC	1592-16	CB-701 Flare	P-1592	2651.03	77	10	TWW SH	1/19/08 1/30	38783
3150.40	2.20	]315.00	Propylene	1592-16	(13-70) Plane	P-1592	EC (39)	7.7		115/88 747	0517453130	27 50 50 50
3150.40	2.20	840.50	Propane	1592-16	(13-70) Flare	P-1592	T963 DB	Ħ		15831	11998-130	100 mg
3150.40	2.20	4909.00	Ethylone	1592-16	CB-701 Flare	P-1503	JUL 1592	ā	Z Z	The Whole	1.1978 1.30	\$5K7
3150.40	2.20	207.10	1,3-Butadiene	1592-16	CB-701 Flare	P. 1592	EU 1592	ET.	1800.78	1/19/06 3:45	1/19/06 1/30	53850
85.09	168.00	305.00	TOTAL VOCs	1592-40	CB-710 Flare	P-1592	EU 1592	Startup	1504A	1/25/06 10:00	1/18/06 10:00	70395
#	(Lus)	(bs)	Pollutant	EEN	Emission Point	Source Info/FIN	O <sub>D</sub>	Type of Event	Authorization	II me	Ime	Number
Reported Emission Limit	Duration	Amount Released				Aditional				End Date and	Start Date and	Tracking

Table 1 - Violations of Hourly Limits

	() ()	1000		226	76377	76377	76324				76324	76324	76324						3	<i>F</i> .	20.07	76324	76324	75967		1000	78967	75967	338	75967	75967		797	A.7805.c.	14.6	74947	1.495.7	785		75967	75967	75967	75112	7512	Number	Tracking
7-18-18-18-18-18-18-18-18-18-18-18-18-18-	5/28/05/19/45	5/28/4/p 19:45	5/28/90/16/45	528/05 19:45	5/28/06 19:45	5/28/06 19:45	5/25/06 18:00	5.25% 18.08	1000 F	* 1500 1 1500 1500 1500 1500 1500 1500 1	5/25/06 18:00	5/25/06 18:00	5/25/06 18:00	2007 - 1200	12/12/19/19	72 VIII 808	(SeS) (SEE)		\$25 %   Kgg	525 Jan 18 18 18 18 18 18 18 18 18 18 18 18 18	5 3 5 7 6 1 5 6 6	5/25/06 18:00	5/25/06 18:00	5/17/06 5:13		21 TO 25 D	\$42.06.515	5/17/06 5:13	S135 155 155	5/17/06 5:13	5/17/06 5:13			4128345	21208343	5113,005,135	5/17/26/5:13	217.06.203	£1-5 (077) 8-13	5/17/06 5:13	5117,00,5:13	5/17/06 5:13	4/30/06 13:45	4/30/05/13:45	Time	Start Date and
1 3 3 5 to 1 5	ST(8) 90.623	5/29/(6/19-15	\$29/06 19/43	5/29/05 19:45	5/29/06 19:45	5/29/06 19:45	5/26/06 7:00	25/874		1.00 M 1.00 M	5/26/06 7:00	5/26/06 7:00	5/26/06 7:00	128.96.12		1000 NA			10 CMM 2 CF	1.00 to 10.00		5/26/06 7:00	5/26/06 7:00	5/18/06 17:13	¥2.		7147 90,81.3	5/18/06 17:13	5.15.00.000	5/18/06 17:13	5/18/06 17:13	S 12 S 25 2 S		5-18-02-12-12	5/18/06/17/19	S142F-904F-5	5 (878-17:17	11.1 MONUS		5/18/06 17:13	5/18/06 17:13	5/18/06 17:13	4/30/06 17:45	4/30/06 17/4/5	Time	End Date and
17047		1545	75049	- 10:	1504A	1504A	1504A		i A A		1504A	1504A	1504A			7. 1.		3	1.0 1.0 3.0		3	1504A	1504A	1504A		E	YEST	1504A		1504A	1504A		 K	100	V115	Ć.	1.504/A	13044	[46 52] (48, 12)	1504A	1504A	1504A	37063	37063	Authorization	
7	rvi (m	(2000) 1 (200) 2 (4)	trei fri	V.	田	題	田			- more	Œ	EE	田田		144 2-2-1	2014 122- 21		Ħ	10000 (A) (B) (B)	F	F	EE	EE	EE		From S. N. S. Profits S. S. S.	F	EH	1001	EE	EE		E	Ē	7		(T)	T	î.	EE	m	Œ	EE	H	Type of Event	
EH : 1 500	2051 DE	EU 1592	EU 1392	6651.395	EU 1592	EU 1592	EU 1592	EC 1592	EU 1592	2651 (33)	EU 1592	EU 1592	EU 1592	BU 1592	180 1 592	587 1592	56:1592	EU 1592	E#: 1592	2651.03	2653, 233	EU 1592	EU 1592	EU 1592	1,5	7051 Ast	EU 1892	EU 1592	E47   592	EU 1592	EU 1592	2651.39	EU 1592	EU 1592	EU 1592	EC 1392	E651 DB	2651 AT	2651 ()3	EU 1592	EU 1592	EU 1592	NAOU 1797	Z	Unit	
1592_15	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	P-1592	p. 1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	7651-d	P-1592	P-1592	P-1592	265174	P-1592	P-1592	P-1592	P-1592	.765[rd	P-1592	£-1392	P-1592	C651-4	P-1592	P-1592	2651%	· P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1592	P-1791	P-1791	Source Info/FIN	Aditional
CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flure	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-710 Flare	CB-710 Flare	CIS-710 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-701 Flare	CB-701 Flare	CD-701 Flare	(33-761 Flare	CB-701 Flare	CB-701 Flare	· CB-701 Flare	CB-761 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-710 Flare	(18-710 Flare	CB-710 Flare	CB-710 Flure	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-701 Flare	CB-701 Flare	CS-701 Flare	CB-701 Plane	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	Тгар		N Emission Point	
1507.16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	134	134	EPN	
Ethylene	Butene	Bulane	Benzene	1,3-Butadiene	NOx	8	TOTAL VOCs	VOC	Ethylene	Acetylene	NOx	CO	TOTAL VOCs	VOC	Propylene	Ргорапс	Ethylene	Butene	Butane	Benzenc	1,3-Butadiene	NOx	8	TOTAL VOCs	VOC	Ethylene	Acetylene	TOTAL NOx	Nitric Oxide	6	TOTAL VOCs	VOC	Propylene	Propune	Ethylene	Butene	Butane	Benzene	1,3-Butadiene	TOTAL NOx	Nîtric Oxide	CO	TOTAL VOCs	VOC	Pollutant	
10775 30	600.70	1572.40	2255.00	748.40	1635.20	11810.00	254.90	3.70	239.00	12.20	373.00	2693.00	3901.50	403.00	858.00	315.00	1288.00	107.00	473.00	391.00	66.50	4788.00	34582.00	626.30	53.70	352.60	220.00	76.30	76.30	550.80	15367.30	745.60	1980.30	2184.70	8203.50	286.60	921.90	763.10	281.60	1716.70	1716.70	12400.00	476.08	105.20	(Bg)	Released
00 Ft	24.00	24.00	24.00	24.00	24.00	24.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	E. 28	13,00	13.00	13.00	13.00	13.00	13.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36,00	36.00	36,00	36.00	36.00	36.00	36.00	36.00	36.00	4.00	4.00	(hrs)	Duration
315000	3150.00	3150.00	3150.00	3150.00	283.51	2047.71	0.02	0.02	0.02	0.02	0.04	0.32	3150.00	3150.00	3150,00	3150.00	3150.00	3150.00	3150.00	3150.00	3150.00	283.51	3150.00	0.02	0.02	0.02	0.02	0.04	0.04	0.32	3150.40	3150.40	3150,40	3150.40	3150.40	3150.40	3150.40	3150.40	3150.40	283.51	283.50	2047.70	2.02	2.02	(lbs/hr)	Emission Limit

Table 1 - Violations of Hourly Limits

1	01.10	0/	SOOM TENOUS	1707 0.50	Frocess Enginees	F-1/92	PEO 1/92	50	2402	12/20/06 20:03	7/20/00 19:29	80000
		62	TOTAL INCOME	E 75	Drocess Empiritives	C021 d	DEII 1703		2460	17/20/06/20-03	12/20/06/10:20	05306
	- managananan	87	Ethylene	¥-75	Progress Fligitives	P-1707	20.1.1.1.dd	¥;		10/00/06 70 sc1		
	299.00 4.50	299	TOTAL VOCs	1796-12A	Process Fugitives	-	PEU 1796	盟	19027	11/20/06 12:00	11/20/06 7:30	84075
	78.00 4.50	78	Hexene	1796-12A	Process Fugitives	1	PEU 1796	M.CC )-)-1	7.00v)	100 00 00 00 11	11/2014/7:30	x4075
	221.00 4.50	121	Ethylene	1796-12A	Fracess Fugitives	1	96±1 FR4		7.206.1	11.20/06 12:68	110000000000000000000000000000000000000	2.5
. –	308.00 4.50	308	TOTAL VOCs	1796-10A	FS-541 Flare	P-1796	PEU 1796	EE	19027	11/20/06 12:00	11/20/06 7:30	84075
	165.00 4.50	165	Нехепе	1796-10A	FS-541 Flare	P-1795	26년 [ 기념권	5	.235	- WW 17.5	1420 to 7540	333
: -	143.00 4.50	4.	Ethylene	1796-10A	FS-541 Flare	P-)796	PSU 1796	100		2 2820 1 4		
: -		0.	NOx	1796-10A	FS-541 Flare	P-1796	PEU 1796	EE	19027	11/20/06 12:00	11/20/06 7:30	84075
, –		2	8	1796-10A	FS-541 Flare	P-1796	PEU 1796	EE	19027	11/20/06 12:00	11/20/06 7:30	84075
		423	TOTAL VOCs	1796-10A	FS-541 Flare	P-1796	PEU 1796	EE	19027	11/16/06 1:00	11/15/06 16:00	83913
; -		423	Ethylene	1796-10A	FS-541 Flare	P-1796	PEU 1796	F	19927	11/16/06 1:00	T 14 1 16 100	
		55.	NOx	1796-10A	FS-541 Flare	P-1796	PEU 1796	Æ	19027	11/16/06 1:00	11/15/06 16:00	83913
		297	CO	1796-10A	FS-541 Flare	P-1796	PEU 1796	Œ	19027	11/16/06 1:00	11/15/06 16:00	83913
		2105.00	TOTAL VOCs	1798-22	Z-1101 Flare	P-17/98	NAOU 1798	Startup	37063	10/26/06 23:00	10/25/06 23:00	83059
٠;٠		210.	Ethylene	1798-22	2-1101 Flare	\$-1798	NAOC 1798	distrup	3386	10 26/85 23:00	0.075 (8.23.00)	
-۱۰		34.	TOTAL VOCS	F-1/98-30	Emissions	P-1/98	NAOU 1/98	44	37063	10/24/06 13:30	10/23/06 13:30	82956
~ إ د		ب د د	Emylene	F-1/98-30	Emissions	7 1700 F-1/98	NAOU 1798	1	100	10/2/07/12/20	10/23/05/12/20	200
, ,		· 6	SOOM THEOR	1770-22	7-1101 FIRE	1700 1-170	NACO 1750	TWODING	5,000	10/24/00 13:30	00:51 00/62/01	10,679
٠, ١		a 5	DOTAT VOCA	1700 22	7 1101 Flare	p 1709	NA OK 1 1708	Chart Journ	27062	10/24/06 12:20	10/03/06 13:30	02061
-		ر د د د	Ethylana	1708.77	7 1101 Eloro	D 1700	MADE 1.08		17052	100.77.00.71	10/12/00/21/00	7.7027
		33 .	TOTAL VOCs	F-130	Rugifives	P_1791	Loading	F (	37063	10/12/06 22:00	10/13/06 21:52	83837
1		) در در	Bulene	05.1-3	Alcoholic Control	0.1701	i continu	7. (	7 1 C	10 11 00 11 00	10.11.00.11.00	- V.
		331	TOTAL VOCs	F-130	Fugitives	P-1791	Loading	HH.	37063	10/12/06 22:00	<u> </u>	82584
i			Butene	F-130	Fugitives	P-1791	Loading	770	3.7	E 200 200 200 200 200 200 200 200 200 20		
_	14160.29 10.00	1416	TOTAL VOCs	1592-16	CB-701 Flare	CB-701 Flare	EU 1592	EE	1504A	10/7/06 14:30	10/7/06 4:30	82342
_		7.0	VOC	1592-16	CB-701 Flare	CI3-701 Flare	EW 1502	TTO CFG		工程が発生し	UV-F-91/2/01	13:
-	83.87 10.00	83	Propylene	1592-16	CB-701 Flare	(13-701 Flare	EC 1592	(**		10 706 LH. V		Į.
_	.92 10.00	11.92	Propane	1592-16	CB-701 Flare	CB-70 i Flare	FRC 1542	. The	54	10 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
-	4048.20 10.00	1-10-1	Ethylene	1592-16	CB-701 Flare	CB-701 Flare	2651 783			でする	W 2 15 15 15 15 15 15 15 15 15 15 15 15 15	
~	21 10.00	9.21	Acetylene	1592-16	CB-701 Flare	CB-701 Flare	26.1 JE		1 2883	14/14/15		
1	1721.70 10.00	172	NOx	1592-16	CB-701 Flare	CB-701 Flare	EU 1592	EH	1504A	10/7/06 14:30	10/7/06 4:30	82342
		1244	CO	1592-16	CB-701 Flare	CB-701 Flare	EU 1592	BE	1504A	10/7/06 14:30	10/7/06 4:30	82342
1	-	261	TOTAL VOCs	126F	TK-31	P-1797	NAOU 1797	EH	37063	6/6/06 2:50	6/5/06 17:30	76684
		261	Ethylene	126F	TK-37	P-1707	NAOU 1%"	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.182		9832 300	
1		266	TOTAL VOCs	1592-40	CB-710 Flare	1592-16	EU 1592	EE	1504A	5/29/06 19:45	5/28/06 19:45	76377
		71.	VOC	1592-40	CB-710 Flare	1592-16	EC 1592	100	1545	\$0000 ID-55	\$/28/36 (P.45	377
1		136.40	Ethylene	1592-40	(B-710 Plane	1592-16	E 22	570				-41 -67 -73 -73
	.70 24.00	57.70	Acetylene	1592-40	CB-310 Flanc	1592-16	3.532	524				
	-	40.00	NOX	1592-40	CB-710 Flare	1592-16	EU 1592	ਬੁਬ	1504A	5/29/06 19:45	5/28/06 19:45	76377
		288	60	1592-40	CB-710 Flare	1592-16	EU 1592	EE	1504A	5/29/06 19:45	5/28/06 19:45	76377
	0	2483	TOTAL VOCs	1592-16	CB-701 Flare	1592-16	EU 1592	EE	1504A	5/29/06 19:45	5/28/06 19:45	76377
		236	VOC	1592-16	CB-701 Flure	1592-16	EU 1592	m	15045	5/29/05 19:45	5/28/06 19:45	75377
		488	Propylene	1592-16	CB-701 Flare	1592-16	EU 1592	EE	VPros (	5/29/06 19:45	578/08 19/45	7-63 777
1		164	Propane	1592-16	CB-701 Flare	1592-16	EU 1592	[7]	15042	5/29/06 19:45	5/18/06 19:45	76377
	2000 2000 2000 2000 2000 2000 2000 200		гопптапт	BEIN	Emission Foint	Source Into LIN		Type of Event	Authorization	Lime	1 me	Number
£	era Tol	Rele				Adittional				End Date and	Stare Date and	Зправл
	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			**************************************			C. C			1	2	

Table 1 - Violations of Hourly Limits

					# 1	100				Amount		Reported
Tracking	Start Date and	End Date and		Type of France		Adittional	T missinn Print	FS.		Released	Duration	Emission Limit
86704	2/17/07 6:30	2/19/07 6:30	19027	Maintenance	PEU 1796	TK-561		1796-04B	TOTAL VOCs	7.34	48.00	0.31
91369	5/18/07 14:54	5/18/07 15:05	1504A	Excess Opacity	EU 1592	BAIII	Cracking Furnace	1592-06A	Opacity	75%	0.18	5%
14.000	7-31-07 (6:55	CONTRACTOR	146.20	ED:	PEU 1792	P-1792	Fugitive	F-75	Ethylene	351.00	0.08	7.37
95271	7/31/07 16:55	7/31/07 17:00	2462C	EE	PEU 1792	P-1792	Fugitive	F-75	TOTAL VOCs	351.00	0.08	7.37
98658	10/13/07 1:52	10/13/07 3:43	19027	EE	PEU 1796	FS-541	PEU 1796 Flare	1796-10A	CO	234.60	1.85	26.80
98658	10/13/07 1:52	10/13/07 3:43	19027	EE	PEU 1796	FS-541	PEU 1796 Flare	1796-10A	NOx	46.04	1.85	26.80
4日本	25:1 26:51/01	10/13/07 3/45	7,527	S.	PDU 1796	FS-541	PEU 1796 Flare	1796-10A	Butane	1.90	1.85	26.80
1860 W	19/13/07 1533	19/13/07/3/4/3	- 36	rr: tr:	PEU 1796	FS-541	PEU 1796 Flare	1796-10A	Ethylene	218.10	1.85	26.80
25,450	551 LOST PH	(5.1, 20, 17.6)	1,395.1	F	PEU 1796	FS-54.]	PEU 1796 Flare	1796-10A	Hexene	183.60	1.85	26.80
77638	19813027152	19/13/67 3.43	- 30	770	PEU 1796	FS-541	PEU 1796 Flare	1796-10A	Pentane	110.60	1.85	26.80
98658	10/13/07 1:52	10/13/07 3:43	19027	EB	PEU 1796	FS-541	PEU 1796 Flare	1796-10A	TOTAL VOCs	514.20	1.85	26.80
2555	553 (3)(1/0)	19/13/97/3/83	News	ţŗ.	PEU 1796	1	Analyzer Tube	None	Ethylene	47.00	1.85	0.00
2002	. 101107 152	19/15/87 2:13	MON	77. 77.	PEU 179a	ı	Analyzer Tube	None	Hexene	15.00	1.85	0.00
	10/15/21/52	10.13.83.73.7	Yet:	eren Erm	PEU 1796	ŀ	Analyzer Tube	None	Рептапс	8.00	1.85	0.00
98658	10/13/07 1:52	10/13/07 3:43	None	EE	PEU 1796	ſ	Analyzer Tube	None	TOTAL VOCs	70.00	1.85	0.00
58292	1023.00 (6)	025071521	いわざい	en en	PEU 1792	P-1792	Fugitive	F-75	Ethylene	123.06	0.17	7.37
99292	10/25/07 16:11	10/25/07 16:21	2426C	EE	PEU 1792	P-1792	Fugitive	F-75	TOTAL VOCs	123.06	0.17	7.37
101332	12/13/07 23:50	12/14/07 1:34	37063	EE	NAOU 1797	P-1797	SYS-740 Flare	136	CO	201.00	1.73	0.11
<u>a</u>	[34] MO 2349	12/14/07   34	3766 ×	15. (1)	NAOU 1797	P-1797	SYS-740 Flare	136	Nitrogen Oxide	100.70	1.73	0.05
101332	12/13/07 23:50	12/14/07 1:34	37063	æ	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL NOx	100.70	1.73	0.05
101337	12/13/07 23:50	12/14/07 1:34	37063	亲	NAOU 1797	P-1797	SYS-740 Flare	136	Butene	27.40	1.73	12.01
EE SO	1213 07 2030	177,887 ()	- W.C.		NAOU 1797	P-1797	SYS-740 Flare	136	Ethylene	306.80	1.73	12.01
133	120722 2750		2.38	72	NAOU 1797	P-1797	SYS-740 Flare	136	VOC	26.80	1.73	12.01
101332	12/13/07 23:50	12/14/07 1:34	37063	EE	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL VOCs	361.00	1.73	12.01
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	8	1820.00	6.00	731.14
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	NOx	252.00	6.00	101.23
2	122607 1550	1778-0727-10	7	Shadwa	2651 AB	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	39,00	6,00	1795.72
:0[70]		12.24.W.22.E	2.2	a de la company	263.08	P-1593	CB-701 Flare	1592-16	Acetylene	2,00	6.00	1795.72
.81701	0.000 [0.02.3]	10.724.04.73.00	1325	awohi:	2651 JB	P-1593	CB-701 Flare	1592-16	Benzene	141.00	6.00	1795.72
4770	1225 07 16:00	12/25/87 25:59	W. 3	North Market	E051 03	5-1592	CB-701 Flare	1592-16	Butane	130.00	6,00	1795.72
:41791	12/26/07 16:00	1220/07/22/00	1337	STURBLESS	E0 1392	P-1592	CB-701 Flare	1592-16	Butene	38.00	6,00	1795.72
34.201	12/26/07 15:00	1278-3772:38	7.007.	Nendown	2651 (18	P-1592	CB-701 Flare	1592-16	Ethylene	549.00	6,00	1795.72
164.10	10/28/07/19/08	12700077100	140 th	, hardown	2051 OB	2651-d	CB-701 Flare	1592-16	Pentene	0.00	6.00	1795.72
2	10.0007 (8/9)	10/26/97 22:00	13043	awebb	EU 1592	P-1500	CB-701 Place	1592-16	Propane	249.00	6.00	1795.72
100	12/26/00 16:00	12/26/07 23:549	- VIII-A	Shielpen	EU 1592	£-1592	CB-701 Flare	1592-16	Propylene	007911	6.00	1795.72
(4)783	(489) 58927(1	1275497 22,440	1944	1. PANOPORT .	EU 1592	\$-1593	CB-701 Flare	1592-16	Toluene	47.00	6.00	1795.73
3	12/26/97 16.00	107847 2384	7.4 70 70 2	57 (Editwa)	Sec. (36)	£-1592	CB-701 Flare	1592-16	VOC	12.00	6.00	1795.72
18278	12/26/07   6/68 :	12.24.87.2248)	7.000	Shedown	EU 1590	P-1592	CB-701 Flare	1592-16	Xylene	3.00	6.00	1795.72
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	1436.00	6.00	3150.43
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	8	144.00	6.00	85.18
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	NOx	20.00	6.00	11.79
PK 10.1	12/26/07 16:00	12/26/07 22:00	1504A	Shuidown	EU 1592	P-1592	€B-710 Flare	1592-40	Acetylenc	1.00	6.00	85.09
167.10	12/26/07 15:00	12/26/07 22:00	ISHA	nwopings	EO 1592	P-1592	CB-710 Flare	1592-40	Ethylene	189.00	6.00	85.09
10.16	12/26/07 16:00	1.2/25/07.22:00	Yrost	Shaldown	BU 1592	P-1592	CB-710 Flare	1592-40	Propane	0.50	6.00	85.09
				of the state of th	12-13-2	2 - 500	ייייי מיבי היי			2 7	100	50.00

**Table 1 - Violations of Hourly Limits** 

				יני פסדו		,	77 A OTT 1700		37063	7/77/09 7-2/	7/77/00 7.70	
8.00	0.08	137.50	Ethylene	1798-22	Z-1101 Flare	P-1798	NAOU 1798	Maintenance	37063	1/27/08 7:34	3/27/88/7/20	12253
0.84	0.08	13.53	NOx	1798-22	Z-1101 Flare	P-1798	NAOU 1798	Maintenance	37063	2/27/08 7:34	2/27/08 7:29	104248
6.06	0.08	97.72	CO	1798-22	Z-1101 Flare	P-1798	NAOU 1798	Maintenance	37063	2/27/08 7:34	2/27/08 7:29	104248
179.65	2.00	1381.00	TOTAL VOCs	1799-20	Flare	FS-9004	PEU 1799	EH	46305	2/9/08 5:00	2/9/08 3:00	103520
179.65	2.00	3.00	Нехеле	1799-20	Flare	FS-9004	PEU 1799	er er	46,185	00.5 80.5,0	2/9/08/3/00	W578
179.65	2.00	179.00	Ethylene	1799-20	Flare	FS-9004	PEU 1799	er F	15/11/5	2.9 2.8 5.00	5/99/8/3/00	1925.80
179.65	2.00	1199.00	Butane	1799-20	Flare	PS-9004	PEU 1799	333	46305	2/9/08 5:00	2048 3:00	E. 32
14.96	2.00	1.70	NOx	1799-20	Flare	FS-9004	PEU 1799	ΕE	46305	2/9/08 5:00	2/9/08 3:00	103520
128.13	2.00	14.90	ප	1799-20	Flare	FS-9004	PEU 1799	EE	46305	2/9/08 5:00	2/9/08 3:00	103520
7.37	0.03	351.00	TOTAL VOCs	F-75	Fugitive	P-1792	PEU 1792	HH	2426C	2/5/08 7:59	2/5/08 7:57	103310
7.37	0,03	351.00	Ethylene	F-75	Fugitive	P-1792	PEU 1792	in.	2100	2/5/08 7:59	2/8/18/2/57	91/08
6.01	0.00	132.85	TOTAL VOCs	136	SYS-740 Flare	P-1797	NAOU 1797	EE	37063	1/15/08 0:00	1/15/08 0:00	102459
6.01	0.00	0.09	Propane	136	SYS-740 Flare	P-1797	NAOU 1797	100	57063	1/15/08/0:00	1/15/08/0:00	102459
6.01	0.00	4.47	Pentane	136	SYS-740 Flare	p-1797	NAOU 1797		37063	1.15.08.0:00	1/15//8 0:00	ENG
6.01	0.00	121.04	Ethylene	136	SYS-740 Flare	P-1797	NAOU 1797	S	5.35	(40.0 %) 5 1.1	0.050 50 51, 1	102459
6.01	0.00	7.13	Butene	136	SYS-740 Flure	P-1797	NAOU 1797	PTT	37003	1.15308 (4.05)	1/15/08/0:00	102459
6.01	0.65	0.12	Buane	136	SYS-740 Flure	P-1797	NAOL 1797	11.F.	5785	11.50% 14.50	8.581 KB\$18	0259
0.05	0.00	41.29	NOx	136	SYS-740 Flare	P-1797	NAOU 1797	ᄪ	37063	1/15/08 0:00	1/15/08 0:00	102459
0.11	0.00	82.43	8	136	SYS-740 Flare	P-1797	NAOU 1797	盟	37063	1/15/08 0:00	1/15/08 0:00	102459
85.09	4.00	12.10	TOTAL VOCs	1592-40	CB-710 Flare	P-1592	EU 1592	Startup	1504A	12/29/07 22:00	12/29/07 18:00	101849
85.09	4.00	2.00	Propylene	1592-40	(13-710 Flure	P-1592	1900 1500	thus:	385	1320 10 20 10 1		<u> </u>
85.09	4.00	10.00	Ethylene	1592-40	CB-710 Flare	P-1592	2021.03	despire.	- 13 · 13 · 13 · 13 · 13 · 13 · 13 · 13	1239/6722/60	1229-17129	3
85,09	4.00	0.10	Acctylene	1592-40	CB-710 Flage	P-1592	295 ( ) 133	-armp	29 - 28 - 28 -	- 65/12 LUGG [1]	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 240
11.79	4.00	2.00	NOx	1592-40	CB-710 Flare	P-1592	EU 1592	Startup	1504A	12/29/07 22:00	12/29/07 18:00	101849
85.18	4.00	14.47	8	1592-40	CB-710 Flare	P-1592	EU 1592	Startup	1504A	12/29/07 22:00	12/29/07 18:00	101849
1795.72	4.00	2498.07	TOTAL VOCs	1592-16	CB-701 Flare	P-1592	EU 1592	Startup	1504A	12/29/07 22:00	12/29/07 18:00	101849
1795.72	4.00	10.0	Xylene	1592-16	CB-701 Flure	£651-4	EU (592	offiths:	7	12/29/07/22/09	12/25/2015/06/1	9 30 30 30
1795.72	4.00	10.01	VOC	1592-16	CB-701 Flare	Z651-d	Z6S1 04	doute	- 22	1229 W 22 CO	12/2000 (8:00)	<u> </u>
1795.72	4.00	0.01	Toluene	1592-16	CB-701 Flare	P-1592	EU 1592	chntms.	1593	12:29:07:22:00	12/29/07 (8:00	(E)
1795.72	4.00	227.00	Propylene	1592-16	CB-701 Flure	P-1592	EU 1592	: Sartup	13647	12/29/07 22:00	12/29/07 18:00	10 STS
1795,72	4.00	100.00	Propane	1592-16	CB-701 Flure	P-1592	EU 1592	dmerc	び組み	12/29/07 22:00	12/29/07 18:00	[1] (124)9
1795.72	4.00	0.01	Pentenc	1592-16	CB-701 Flare	P-1592	EU 1592	diam	Z	12/29/07/22:00	12/29/07 18:00	540
1795.72	4.00	401.00	Peniane	1592-16	CB-701 Flare	P-1592	EU 1592	Sartup	1,5047	12/29/07 22:00	12/24/07 18:00	三条に
1795.72	4,00	0.01	Hexene	1592-16	CB-701 Flare	P-1592	EU 1592	de).es	15043	12/20/07 22:30	12/29/07 18:06	3 m
1795.72	4.00	0.01	Нехале	1592-16	CB-701 Plare	P-1592	EU 1592	ंद्धाम्	TSULA	12:29:07:22.00	12/29/07 18:00	14.540
1795,72	4.00	1483.00	Ethylene	1592-16	CB-701 Flare	P-1592	EU 1592	dra.asp.	1545	12/29/07 22:00	12/24/37 18/00	F 3334
1795.72	4.00	99,00	Butene	1592-16	CB-701 Flure	P-1592	EU 1593	Sanup	15043	12/29/07/22:30	13/29/07 18:00	11.00
1795.72	4.00	55.00	Butane	1592-16	CB-701 Flare	P-1592	EU 1592	dmirey	1504A	12/29/07 22:00	12:29/07 18:00	101840
1795.72	4.00	10.0	Benzene	1592-16	CB-701 Flare	P-1592	BU 1592	dmusik	<u> </u>	12:79:07.23.00	12/29/07 18:00	200
1795.72	4.00	12.00	Acetylene	1592-16	CB-701 Flare	P-1592	2651.03	iarup	1 16247	12/29/67/22/30	1179-07-18-18	57.40
1795.72	4 00	121.00	1,3-Butadiene	1592-16	CB-701 Flare	P-1592	EU 1592	्रध्यास्त्र	15047	12/29/07/22:00	12.29/17 F8:00	A CONTRACTOR
101.23	4.00	359.00	NOx	1592-16	CB-701 Flare	P-1592	EU 1592	Startup	1504A	12/29/07 22:00	12/29/07 18:00	101849
731.14	4.00	2592.00	ප	1592-16	CB-701 Flare	P-1592	EU 1592	Startup	1504A	12/29/07 22:00	12/29/07 18:00	101849
85.09	6.00	190.60	TOTAL VOCs	1592-40		P-1592			1504A	2:00	12/26/07 16:00	101701
(lbs/hr)		(lbs)	Pollutaut	EPN	Emission Point	Source Info/FIN	Unit	Type of Eyent	Authorization	Time	Jime .	Number
		LEIGHAU	/***		100 100 100 100 100 100 100 100 100 100							

Table 1 - Violations of Hourly Limits

342.16 342.16	00.671	22.626	Comment of the commen	The second secon		2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
342.10	10. 20	こっていた	Ethylene	1798-22	Z.1101 Hare	Notified No.	K 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1000	
	125.00	39.42	Вимене	1798-22	Z.1101 Flore	F-1798	SAL MAN		-1	7 7 7 7		
342.16	126.00	4.92	Butane	1798-22	2-110) Place	F-1 79%	KAON TAON	2		Y E E		
17.65	126.00	44.41	NOx	1798-22	Z-1101 Flare	F-1798	NAOU 1798	Startup	37063	5/5/08 18:00	4/30/08 12:00	106528
127.51	126,00	320.79	8	1798-22	Z-1101 Flare	F-1798	NAOU 1798	Startup	37063	5/5/08 18:00	4/30/08 12:00	106528
0.64	126.00	833.40	TOTAL VOCs	1798-03	TK-1806	F-1798	NAOU 1798	Startup	37063	5/5/08 18:00	4/30/08 12:00	106528
0.64	126.00	833.40	Нехопе	1798-03	J.K1806	£-1798	NAOU 1798	Startup	3.74000	5.5% 1850	\$30.08 (2:00	金沙
0.72	126.00	1223.70	TOTAL VOCs	1798-01	TK-1800	F-1798	NAOU 1798	Startup	37063	5/5/08 18:00	4/30/08 12:00	106528
0.72	126.00	0.10	Tetradecene	1798-01	0081-33	F-179S	NAOL 1798	5.5	1 29	7. 38 38 38 38	130/2012 (8)	1.85
0.72	126.00	20.60	Octene	1798-01	TK-1800	F-1798	NAOU 17%	Contract.	uso Tir		\$10 mm 12/36	
0.72	126.00	1145.40	Hexene	1798-01	1.K-1800	F-1798	NAOL 1798	· indice:	74 53 54 77	25.98 1838	- 60-C1 NOWE	\$\frac{1}{2}\text{\$\frac{1}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}\text{\$\frac{1}\text{\$\frac{1}\text{\$\frac{1}\text{\$\frac{1}\text{\$\frac{1}\text{\$\frac{1}
0.72	126.00	7.00	Hexadecene	1798-01	J.K-1800	F-1798	NAOU 1798	dess	200	SEST MOS.	00-21 xt: 08:3	
0,72	126.00	5,00	Dodecene	1798-01	TK-1800	F-1798	NAOU 1798	dn),ttg	37863	\$45608 18 60	4/50/08 12:00	18013
0.72	126.00	39.50	Decene	1798-01	TK-1800	F-1798	NAOU 1798	Startup	37863	5/5/08/18:00	4/30/08 12:00	106538
0.72	126.00	6.10	Butene	1798-01	TK-1800	F-1798	NAOU 1798	Sarup	3.7046.3	23/08 (830)	30:51 x0/05/h	106523
79.71	115.00	322.71	TOTAL VOCs	110	Z-101 Flare	Z-101	NAOU 1797	Shutdown	37063	4/23/08 2:00	4/18/08 7:00	105955
79.71	115.00	15.92	Propylene	011	Z-101 Flare	7-101	NAOU 1797	Saudown	3,346.3	表25.38.238	4/18/08/7500	38.55
79.71	115.00	6.71	Propane	011	Z-101 Flare	Z-101	NAOU 1797	Shudown	37065	+23.08.230	4/18/08 7:00	24-94-55 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
79.71	115.00	164.27	Hexene	011	Z-101 Flare	2-101	NAOU 1797	uwopprijs.	2,642.5	4.2348.238	4/18/03/7/40	1885
79.71	115.00	55.08	Ethylene	110	2-101 Flare	Z-101	NAOU 1797	Sautdown	37063	+23 08 256	4/18/08/7:00	19833
79.71	115,00	72.46	Butene	110	Z-101 Flare	2-101	NAOU 1797	Shudown	37963	4.23/08 2-00	4/18/08 7:90	165955
79.71	115.00	8.25	Bulane	011	Z-101 Flare	Z-101	NAOU 1797	Shutdown	57963	4/23/08 2:00	1/18/08 7:00	105955
79.71	115.00	0.02	1,3-Butadiene	110	Z-101 Flare	7-101	NAOU 1797	Shuddava	3,4463	4/23/08/2:00	4/18/08/7:00	577
4.95	115.00	153.90	Nox	110	Z-101 Flare	Z-101	NAOU 1797	Shutdown	37063	4/23/08 2:00	4/18/08 7:00	105955
35.72	115.00	1111.60	S	110	Z-101 Flare	Z-101	NAOU 1797	Shutdown	37063	4/23/08 2:00	4/18/08 7:00	105955
8.00	215.00	611.25	TOTAL VOCs	1798-22	Z-1101 Flare	Z-1101	NAOU 1798	Shutdown	37063	4/12/08 23:00	4/4/08 0:00	105393
8.00	215.00	223.41	Propylenc	1798-22	Z-1101 Flare	Z-1101	NAOU 1798	Shutdown	37863	1/12/08 23:50	00.0 80.14	56.58
8.00	215.00	12.30	Propane	1798-22	Z-1101 Flare	Z-1101	NAOU 1798	Shudown	37463	4/12/4/8/23/5/0	0.044 8.0.474	18093 1
8.00	215.00	234.80	Нехеле	1798-22	Z-1101 Flare	Z-1101	NAOU 1798	Shudown	37/063	4/12/08/23/00	4/4/68 0:00	[84,543]
8.00	215.00	45.81	Ethylene	1798-22	Z-1101 Flare	Z-1101	NAOU 1798	Sindown	37.65	4,112/08/23:00	4,447% 0:00	102393
8.00	215.00	80.79	Butene	1798-22	2-1101 Flare	2-1101	NAOU 1798	Sj. udown	37065	+12%2500	60% 30%	50.590
8.00	215.00	14,14	Butane	1798-22	Z-1101 Flare	1011-7.	36.1 DOWN	Shadowa	37.5	11783350	14.38 350	50 E
0.84	215.00	254.56	NOx	1798-22	Z-1101 Flare	Z-1101	NAOU 1798	Shutdown	37063	4/12/08 23:00	4/4/08 0:00	105393
6.06	215.00	1838.61	cc	1798-22	Z-1101 Flare	Z-1101	NAOU 1798	Shutdown	37063	4/12/08 23:00	4/4/08 0:00	105393
342.16	1.83	666.52	TOTAL VOCs	1798-22	Z-1101 Flare	Z-1101	NAOU 1798	EE	37063	3/18/08 15:40	3/18/08 13:50	105136
342.16	- 23	150.35	VOC	1798-22	Z-1101 Flare	2-1191	NAOU 1798	SE	37963	3/18/08 15:40	V18/08 L3:50	05136
342.16	1.83	18.1	Propylene	1798-22	Z-1101 Flare	1011-2	NAOU 1798	Tr.	37863	3/18/08/15/30	3/18/08   3:50	95130
342.16	1.83	0.15	Propune	1798-22	Z-);01 Flare	21191	NAOK 1798	n	37967	VEST 80/81/1	3.18.08 D350	35.75
342.16	1.83	327.22	Ethylene	1798-22	Z-110) Flare	7-1101	MAOU 1798	×		7.(8888) 7.4	218/45 15:50	05155
342.16	1.83	184.30	Butene	1798-22	Z-1101 Flare	1011.7	NACH TESS	Ξ.	7. 7.7 7.7	2018/08/15/15	04351 SUSTA	34 : 37 : 1
342.16	1.83	1.69	Butane	1798-22	Z-1101 Plane	7.110	NAOU 1793	tr.	27062	318081559	3/18/08/15/09	33.00
17.65	1.83	55.40	TOTAL NOx	1798-22	Z-1101 Flare	Z-1101	NAOU 1798	H	37063	3/18/08 15:40	3/18/08 13:50	105136
17.65	1.83	55.40	Nitrogen Oxide	1798-22	Z-1101 Flare	Z-1101	NAOU 1798	T.	37053	N1898 15-45	V18/0× 1 ×54	05136
127.51	1.83	399.90	8	1798-22	Z-1101 Flare	Z-1101	NAOU 1798	<b>EE</b>	37063	40	3/18/08 13:50	105136
(lbs/hr)	(brs)	(lbs)	Pollutant	EPN	Emission Point	Source Info/FIN	Unit	Type of Event	Authorization	Time	Time	Number

Table 1 - Violations of Hourly Limits

Table 1 - Violations of Hourly Limits

109295	109236	162330	200	. 19236	6000	109234		1991.) e	109236	109236	109236		\$5.25 \$	1.50%	1813	100.75	(a)23	e(260)+	5 5	3.		. 130.39	:: (197.5%	109236	109236	108469		(# 746)		Number	Tracking
6/14/08 9:00	6/12/08 9:20	9/12/08/9/20	5/12/08/9/20	6/12/08-9:20	0.176.567.6	5.12/04/9/20	\$ \$ \$ \$	9:10:08:9:20	6/12/08 9:20	6/12/08 9:20	6/12/08 9:20	6/12/09/20	0.000 0.00	215930	X1203921	6/12/08 9.20	571.2708 9:20	6/12/18/9:30	0.7.6 80.7.174	\$/12/0X \$/20	9/12/8/8/16	6/12/08/9-20	0.076 80, 7179	6/12/08 9:20	6/12/08 9:20	6/1/08 23:00	\$0 0X 13:0x)	6-1/07/ 33:400	001.17 80.179	Time	Start Date and
6/15/08 10:00	6/14/08 9:30	6-14/98-9:30	6.1408.950	5/14/08/98/30	5/19/08/9130	6 1 108 9556	614 433 914 914	05/3/80/6/0	6/14/08 9:30	6/14/08 9:30	6/14/08 9:30	· 克里男 87	0 14/0 M(V) 1 G	21.080.10	5/14/08/9/35	25 5 80 min	0.576 80/11/9	6714/98 9:30	07.6 80/41/3	\$2.8 \$3.6 \$3	9/14/9× 0/30	6/15/08/9/30	0.14/35/0.30	6/14/08 9:30	6/14/08 9:30	6/2/08 1:00	97 78 150	6-2/08 1:00	6/2/08 1:00	Time	Kind Datasand
1504A	1504A	Const. (1) (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	1200	1504A	1	15047		-68.7	1504A	1504A	1504A	Tyey.	1.62.7	- 500	- C. C.	13014	\$40X	V1051	1504A	15(%)	VEGE	15048	1504A	1504A	1504A	2462C	14670	24070	13020	Authorization	
Startup	<u>Б</u> Б	33	07	[77] [17]	Post	CT.		P1.	EH	E	EE	Ę		7-17: 77:	ir.	777	T	33	rr.	the state of the s	173	(T) (T)	300	EE	EE,	Startup	dates.	\arus)	dental	Type of Event	
EU 1592	CB-701 Ethylene Flare	CB-701 Ethylene Flare	CB-701 Ethylene Flare	CB-701 Ethylene Flare	CB-701 Lithylene Flare	CB-701 Ethylene Flure	CB-701 Bibylese	CB-701 Häylene Flare	CB-701 Ethylene Flare	CB-701 Ethylene Flare	EU 1592	2651 1761	7651 (38)	EC 1592	E) 1582	265) (33	Z651.2R	EC 1892	EG 1293	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	EU 1592	PEU 1792	247 i 214	PEU 1702	PEU 1792	Ç	
P-1592	CB-701	CB-701	CB-701	CB-701	CB-701	CB-701	CB-701	CB-701	CB-701	CB-701								-						\$ 1 to 1 t		X-901	106-X	X-901	X-901	Source Info/FIN	À DITTORIA
CB-701 Flare; CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flare	CB-719 Flare	CB-710 Flare	CB-710 Flare	CB-710 Flare	Flare	Flare	Place	Flare	Flare	Flare	Flace	Flarc	Ulare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare		Emission Point	
1592-16; 1592- 40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-40	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	45	45	45	45	EPN	
CO	TOTAL VOCs	VOC	Propylene	Propane	Ethylene	Виселе	Butane	.Acetylene	NOx	CO	TOTAL VOCs	Xylene	VOC	Toluene	Styrene	Propylene	Propane	Ethylene	Butene	Butane	Benzene	Acetylene	1,3-Butadiene	NOx	CO	TOTAL VOCs	Propylene	Propane	Ethylene	Pollutant	
125.99	241.83	6.31	7.58	6.48	210.37	20.0	4.20	6.75	73.78	516.43	21791.00	52.00	00.466	245.00	52.00	4259.00	5949.00	8796.00	227.00	385.00	402.00	89.00	339.00	1189.00	8324.00	121.60	68.50	4.20	48.90	(lbs)	Amount Released
25.00	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	48.17	2.00	2.00	2.00	2.00	(lins)	Duration
85.18	4.02	4.02	4,02	4.02	4.02	4.02	4.02	4.02	0.04	0.32	3144.00	3144,00	3144.00	3144,00	31-1-4.00	3144.00	3144.00	3144.00	3144.00	3144.00	3144.00	3144.00	3144.00	283.00	2043.00	28.55	28.55	28.55	28.55	(lbs/hr)	Reported Emission Limit

Table 1 - Violations of Hourly Limits

 		5 2		111058	111058	109537			195		183	8			2500	(00537	59947	15.56	108337	30337	109537	109537	109295	15		- 15 - 15 - 17 - 17	1,00295		3,62,63	H 19295	109295	109295	Tracking Number
742.14000	2	5000 NO.4514		7/14/08 6:00	7/14/08 6:00	6/14/08 9:00		94404 4090	5 TH 75 4 10 0	9.12.19	0 14 (4 9,0)	911.890		614.04.400	9/14/03/9:00	6/14/08/9:00	6/14:03/9:00	0.14 08 0.90	00:6 20:1:1/9	6/14/09/9/00	6/14/08 9:00	6/14/08 9:00	6/14/08 9:00	6/14/18/9/00	00-6 x0 T1.9	00.00 10.11.8	0/14/08 9:00	0/14/78/9900	3846-80, F131	00:0 80/4 1/9	6/14/5/49:00	6/14/08 9:00	Start Date and Time
	70.508.200	715/08/200	145 <b>X</b> 141	7/15/08 2:00	7/15/08 2:00	6/15/08 10:00	100000000000000000000000000000000000000				- - - - - - - - - - - - - - - - - - -				90'61 86,51 9	00.01.80/51/9	6/15/08 10:00	00:01 30/51/9	0.12/08 10/00	00:01 80/51/9	6/15/08 10:00	6/15/08 10:00	6/15/08 10:00	5) 34 54 (9)	28.00 S65512	38.751.38.951.c	06-01 80-51/9	6.15-08-13-00	228	6 15'08 Le co		6/15/08 10:00	End Date and Time
		- 12 - 12 - 12 - 13		37063	37063	1504A		1225	- 545		1.25.3			100	7,504%	1:3:1	1504A	1,004,4	75.75	: 5344	1504A	1504A	1504A	7. 7. 7.	-301A	5042	15043	20	2	190 200	27. 27. 27.	1504A	Authorization
	57°	tr:		Œ	EE	EE		paks T		72 <b>1</b> 77	14.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	(F	post.	75		m	E	tr.	re	PT.	33	Ħ	Startup	Mark	Marcox	dnym		dio 73;	detas	Terrer.	que propieto de la companya della companya della companya de la companya della co	Startup	Туре об Еуепт
<	Tell DOVN	NAOU 1797	. (6, 1.10VX	NAOU 1797	NAOU 1797	EU 1592	E (595	2651 AB	7851 (16)	5651.54	2(651:18]	2651 AB	2651 DB	EU-1592	EU 1892	EU 1592	EU (592	165T ATE	EX. 1592	BU 1592	EU 1592	EC 1592	80 1500	7031 03	EU 1592	Unit							
5 - 337	F-1797	T-1797	F-1707	F-1797	F-1797	P-1592	2051-3	5-129C	P-1592	5051. d	P-1597	P-1592	P-1592	P-1502	P-1592	P-1592	P-1592	P-1502	P-1592	P-1592	P-1892	P-1592	565174	P-1592	Adittional Source Info/FIN								
7 101 Hay	Z-101 Flare	2-101 Flare	7-101 Flate	Z-101 Flare	Z-101 Flare	CB-701 Flare	CB-701 Flare	CB-701 Place	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare	CB-701 Flare; CB-710 Flare	CB-701 Flare:	CB-701 Flare; CB-710 Flare	CB-701 Flare; CB-710 Flare	CB-701 Place; CB-710 Flare	CB-701 Flare; CB-710 Flure	CB-701 Plare; CB-710 Plare	CB-701 Flare; CB-710 Flure	CB-701 Flare: CB-710 Flare	CB-701 Flare; CB-710 Flare	C Emission Point
150	115	110	011	110	110	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16	1592-16; 1592- 40	1592-16; 1592- 40	1592-16; 1592- 40	1592-16; 1592- 40	1592-16; 1592- 40	1592-16; 1592- 40	1592-16; 1592- 40	1592-16; 1592- 40	1592-16; 1592- 40	1592-16; 1592- 40	PART A
100000	Ethylene	Виспе	Butane	NOx	8	TOTAL VOCs	Xylene	VOC	Toluene	Styrene	Propylene	Propane	Pontene	Pentane	Ethylene	Butene	Butane	Benzene	Acetylenc	l,3-Butadiene	NOx	ප	TOTAL VOCs	VOC	Propylene	Propane	Ethylene	Вителе	Виыле	Acetylene	1,3-Butadiene	NOx	EPN Pollutant
200.79	206.25	82.01	2.71	158.10	315.63	35343.00	157,00	1457.00	859.00	192.00	48,56,00	1827.00	1042.00	1041.00	16123.00	3719.00	477.00	1441.00	152.00	2000.00	1539.00	11113.00	86.67	0.72	12.56	5.60	57.40	0.88	7.5	7.53	0.83	17.44	Released (lbs)
77.00	20.00	20.00	20.00	20.00	20.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	23.00	25,00	25.00	25.00	25.00	25.00	25.00	Duration (hrs)
01. 01.	79.70	79.70	79.70	4.95	35.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	1795.72	101.23	731.14	85.09	85.09	85.09	85.09	85.09	85.09	85.09	85.09	85.09	11.79	Emission Limit (lbs/hr)

Table 1 - Violations of Hourly Limits

24,00	O THE CONTRACTOR OF THE CONTRA				2. 70.		EWONE	1 33			132
	1.00	Butene	1592-40	CB-710 Flare	P-1892	2651 06	a indown		8,10,89,0,8	91178630	
24.00	10.00	Butane	1592-40	CB-710 Flare	P-1592	EW 1892	Managhan .	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	20.48 900	SC & S 1E.S	
24,00	10.00	Acctylenc	1592-40	CB-710 Flare	F-1592	2681.131	at Assignment	10,22	5178865	97H - 54 Political	Š.
24.00	90.00	NOx	1592-40	CB-710 Flare	P-1592	EU 1592	Shutdown	1504A	9/12/08 0:00	9/11/08 0:00	113835
24.00	620.00	ප	1592-40	CB-710 Flare	P-1592	EU 1592	Shutdown	1504A	9/12/08 0:00	9/11/08 0:00	113835
24.00	26560.00	TOTAL VOCs	1592-16	CB-701 Flare	P-1592	EU 1592	Shutdown	1504A	9/12/08 0:00	9/11/08 0:00	113835
24.00	220.00	Xylene	1592-16	CP-701 Flanc	50.5	265 231	I WIPS	- W	447.88.25	3	3
24.00		Toluene	1592-16	CS-701 Place	P-1592	EL 1592	1 200 1		9/17 68 7/64	V V	X C
24.90	\$110.00	Propylene	1592-16	(35-70) Plane	5051'd	502	6-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		\$ 20% 3%		
34.00	<u> </u>	Ргораке	1592-16	CB-701 Flane	Z651-d	E0.1392	16/66/20		9/12/08/001	84 CO 85W	156 152 -
24.00	ļ	Propadiene	1592-16	C9-701 Flare	12-1592	EU 1597	uwaba			901 2 6.96	
24.00	570.00	Pentane, N-	1592-16	CB-701 Flare	12-1592	2641.03	. Sukasyn		9712 983 3.5	411 9 9 990	
24.00	10560.00	Ethylene	1592-16	CB-701 Flare	£-1592	EU 1592	W.Aaring C.		1979 PA		
24.00	280.00	Butene	1592-16	CB-701 Flare	\$-1592	EC 1502	new plants	189			   第   3
24.00	470.00	Butanc	1592-16	CB-701 Flare	P-1592	EU 1592	Simple		91278 860	9/11/48/8/00	- S
24.00	1000.00	Benzene	1592-16	CB-701 Flare	P-1592	565   595	5 Edown	1,74 1,74 1,75 1,47	51238360	9716	
24.00	110.00	Acctylene	1592-16	CB-701 Flare	P-1592	T651 DB	S) wdown	7	* 15 18 19 19 19 19 19 19 19 19 19 19 19 19 19	00:6 SELLS	. \$2 . *** : ***
24.00	710.00	1,3-Butadiene	1592-16	CB-701 Flare	P-1592	BU 1592	Shatdown	1304.)	0.12.4k 2.10	9/11-08/7:30	
24.00	1430.00	NOx	1592-16	CB-701 Flare	P-1592	EU 1592	Shutdown	1504A	9/12/08 0:00	9/11/08 0:00	113835
24.00	12350.00	CO	1592-16	CB-701 Flare	P-1592	EU 1592	Shutdown	1504A	9/12/08 0:00	9/11/08 0:00	113835
24.00	638.00	TOTAL VOCs	1796-10A	FS-541 Flare	P-1796	PEU 1796	Shutdown	19027	9/11/08 18:00	9/10/08 18:00	113799
24.00	22.00	VOC	1796-10A	FS-541 Flare	P-1796	PEU 1796	Shuidown	13027	0.00.00	9/J0/0× J 8:00	3790
24.00	150.00	Pentane	1796-10A	FS-541 Flare	P-1796	PEU 1796	5 andown	19027	808180168	0.0581 x070176	13790
24.00	10.00	Methyl Pentane	1796-10A	FS-541 Plare	P-1796	PEU 1796	Зэнфомп	7,000	00.8180,11.6	9/10/08 18:00	5746
24.00	289.00	Hexene	1796-10A	FS-541 Flare	P-1796	PEU 1796	Sautdown	73(6)	00181 8071 L/A	0.0708   8:000	13799
24.00	50.00	Нехале	1796-10A	FS-541 Flare	P-1796	PEU 1796	Soundown	[9027	80341-80/41.6	9:10/03:18:00	64/17/s
24.00	117.00	Ethylene	1796-10A	HS-541 Flare	P-1796	PEU 1796	nwohange	19027	0.0781185717.6	0/10/0x 18:00	3
24.00	51.00	NOx	1796-10A	FS-541 Flare	P-1796	PEU 1796	Shutdown	19027	9/11/08 18:00	9/10/08 18:00	113799
24.00	258.00	CO	1796-10A	FS-541 Flare	P-1796	PEU 1796	Shutdown	19027	9/11/08 18:00	9/10/08 18:00	113799
19.00		TOTAL VOCs	1796-06G	H-549	H-549	PEU 1796	Maintenance	19027	9/11/08 0:00	9/10/08 5:00	113346
19.00	34,00	Pentane	1796-06G	H-549	H-549	PEU 1795	lvi michance	19827	0050 80/11/6	0,055 80,01.75	G.G
19.00	67.00	Hexene	1796-06G	H-549	H-549	PEU 1796	Montenance	7.000	0000 30,11,6	9/10/08 5:00	G.
19.00	11.00	Hexane	1796-06G	11-549	H-549	96Z1 D34	Muntenance	19027	0.00.0 80/11/6	0.05 5.00 61.6	3
20.00	538.32	TOTAL VOCs	136	SYS-740 Flare	F-1797	NAOU 1797	Œ	37063	7/15/08 2:00	7/14/08 6:00	850113
20.00	63.62	Hexene	136	SYS-740 Flare	£-1797	NAOU 1797	班	3.3985	715/08/2:00	7/14/08 6:00	C) 958
20.00	399.14	Ethylene	136	SYS-740 Flare	£-1797	NAOU 1797	100 100 100 100	176003	7/15/08/2:400	7/14/08 6:00	
20.00	75.01	Butene	136	SYS-740 Flanc	£-1797	NAOU 1797	B	336	7.715/08 2:00	7/14/08 6:00	139%
20.00	0.55	Bulane	136	SYS-740 Flare	F-1797	NACH 1797	F.V.	37063	7/15/18/2004	7/14/08 6:00	1933
20.00	137.21	NOx	136	SYS-740 Flare	F-1797	NAOU 1797	EB	37063	7/15/08 2:00	7/14/08 6:00	111058
20.00	273.92	8	136	SYS-740 Flare	F-1797	NAOU 1797	EB	37063	7/15/08 2:00	7/14/08 6:00	111058
20.00	503.23	TOTAL VOCs	110	Z-101 Flare	F-1797	NAOU 1797	E	37063	7/15/08 2:00	7/14/08 6:00	111058
20.00		Propylene	110	Z-101 Flare	F-1797	NAOU 1797		3.59%3	7/15/08/21/00	7/14/08/6/00	7
20.00		Propane	011	Z-101 Flare	F-1797	Š	(T)	37057	70,508,200	7:14:58 6:00	<u> </u>
(hrs)	(IOS)	FOLINIANT	PEN	mission Point	Source into/FLN	JIII	Type of Event	Authorization Type of Event		1 me	Number

Table 1 - Violations of Hourly Limits

S			)							1,10,00	1) 12/02 11:00	110201
1795.72	56.00	13003.21	TOTAL VOCs	1592-16	CB-701 Flare	P-1592	EU 1592	Startup	1504A	1/13/09 19:00	1/11/09 11 00	118231
1795.72	56.00	244.91	Xylene	1592-16	CB-701 Flare	P-1592	£651 NR	: duta);	15045	1/13/00 19:00	00:11 60:11/0	3
1795.72	56.00	620.66	Toluene	1592-16	CB-701 Flare	P-1592	EU 1392	degrets.	TS042	00564 @mSDI	80.11 (SERIE)	200
1795.72	56.00	3654.12	Propylene	1592-16	CB-701 Flare	P-1592	EU 1592	Zia:taj	Ves I	1/13/00 19/4/	00/11/00/11/1	1833
17	56.00	1153.48	Propane	1592-16	CB-701 Flare	P-1592	EU 1592	Mariup	1504%	1/15/09 19:60	. 00/11/60/11/1	613
1795.72	56.00	127.49	Pontene	1592-16	C3-701 Flare	P-1592	3651.20E	dalas.	3042	1 13/40 (6:53)	00311 660 (1311	94. W
1795.72	56.00	452.91	Pentane	1592-16	CB-701 Flare	P-1592	Z651 DB	dmastr	100	115/30 15/30 .	001166111	
1795.72	56,00	26.84	Propadiene	1592-16	CB-701 Flare	P-1592	EC 1592	Samo			00:11:00:11/1	: . : [2]
1795.72	56,00	46.97	Нехепе	1592-16	CB-701 Flare	p-1592	EU 1592	Siertup	13)4	(6) 61 60 51 1	00:11 60:11,1	- 277
1795.72	56.00	197.94	Hexane	1592-16	CB-701 Flure	P-1592	EU 1592	Sterrup	15047	1/13/09/19:50	00-11-60-11.1	200
1795.72	56.00	1945.37	Ethylene	1592-16	CB-701 Flare	P-1592	E0 1592	- Artup	4	137.00 197.01	(0.1160/1.11	25
1795.72	56.00	1125.29	Butenc	1592-16	CB-701 Flare	P-1592	EU 1592	curren	VERSK (	00/61 GOT 1	0.04(1.5)(2.11)(1.1	55
1795.72	56.00	765.12	Butane	1592-16	CB-701 Flare	P-1592	EU 1592	Sariup	150 kg	12 3 S 1 S S C C	00011 00/11/1	3633 133
1795.72	56.00	892.41	Benzene	1592-16	CB-701 Flare	P-1592	2651.73	distant.		00/5/14/2) I	90/11 60:11/1	1.752
1795.72	56.00	11.96	Acetylene	1592-16	C3-701 Flare	P. 1592	269.138	dalah:	130.5	0.5 61 65%	D114 62117	×
1795.72	56.00	1737.74	1,3-Butadiene	1592-16	CB-701 Plare	P-1592	7651 NE	detha	202	90-61 sextud	. 1/14 (39 11:00)	 
101.23	56.00	1214.28	NOx	1592-16	CB-701 Flare	P-1592	EU 1592	Startup	1504A	1/13/09 19:00	1/11/09 11:00	118231
731.14	56.00	8770.33	co	1592-16	CB-701 Flare	P-1592	EU 1592	Startup	1504A	1/13/09 19:00	1/11/09 11:00	118231
26.79	12.00	760.00	TOTAL VOCs	1796-10A	Flare FS-541	P-1796	PEU 1796	Maintenance	19027	12/29/08 19:00	12/29/08 7:00	118033
26.79	12.00	360.00	VOC	1796-10A	Flare FS-541	P-1795	PEU 1796	No atenance	.2964		(2/25/58 7/60 ·	5.081
26.79	12.00	400.00	Ethylene	1796-10A	Fig. FS-541	Place E5-54	PEU 1796	No. Kentance		12200	12.29 18.766	
1.90	12.00	80.00	NOx	1796-10A	Flare FS-541	P-1796	PEU 1796	Maintenance	19027	12/29/08 19:00	12/29/08 7:00	118033
10.30	12.00	410.00	င	1796-10A	Flare FS-541	P-1796	PEU 1796	Maintenance	19027	12/29/08 19:00	12/29/08 7:00	118033
26.79	27.00	360.00	TOTAL VOCs	1796-10A	Flare FS-541	P-1796	PEU 1796	Maintenance	19027	12/16/08 16:00	12/15/08 13:00	117664
26.79	27.00	180.00	Pentane	1796-10A	Mare FS-541	p-1796	PSH 1705	Ministener	240	D 588 14 (5)	DTS & 238	1.45
26.79	27.00	43.00	Hexene	1796-10A	Flare FS-541	P-1795	1983 J 796	Nichemanic	1902	12/638 1630	12489812:00	¥.
26.79	27.00	78.00	Hexane	1796-10A	Flare FS-541	P-1796	PEU 1796	Nicosepanee	140	15/15/18/05/15/1	US 27 7 8	
26.79	27,00	35.00	Ethylene	1796-10A	Flare FS-541	P-1796	PEU 1796 -	Missionerance	1.69.77	121638 Taken	0.000 BP-S1.C1	
26.79	27.00	24.00	Butane	1796-10A	Flare FS-541	P-1796	PEU 17%	SVC - SEQUENCE		THE WINDING		
1.90	27.00	26.00	NOx	1796-10A	Flare FS-541	P-1796	PEU 1796	Maintenance	19027	12/16/08 16:00	12/15/08 13:00	117664
10.30	27.00	134.00	8	1796-10A	Flare FS-541	P-1796	PEU 1796	Maintenance	19027	12/16/08 16:00	12/15/08 13:00	117664
59.85	26.03	1151.99	TOTAL VOCs	45	X-902 Flare	P-1792	PEU 1792	EH	2462C	12/9/08 7:00	12/8/08 4:58	117449
59.85	26.03	52.75	VOC	45	X-902 Flare	P-1792	2641 RAd	ires (PS)	2443	13,59.08.7.05	12/3/08/4/38	- : - : - : - : - : - : - : - : - : - :
59.85	26.03	43.22	Propylene	45	X-902 Flare	P-1792	PEU 1792	Œ	1832	12.9708.7.00	12/8/08/4/58	(c) (L)
59.85	26.03	182.00	Propane	45	X-902 Flare	P-1792	PEU 1792	er.	24520	12/9/08/7:00	12/8/08/4:58	117,449
59.85	26.03	871.30	Ethylene	45	X-902 Flare	P-1792	2624 DBd	52	34837	0000, 80, 6, 0	12/8/38/45/8	3
59.85	26.03	2.13	Висте	45	X-902 Flare	P-1792	76.11034	777 737	(3) (3) (4)	(37.58.7.6)	12% 345%	(4.17.45)
59.85	26.03	0.43	Butane	45	X-902 Flare	P-1792	PEU 1793	San,	2.45.22	0.072 80/16 0.1	854-80,8,71	17139
59.85	26.03	0.16	1,3-Butadiene	45	X-902 Flare	P-1792	PEU 1792	ar ar	24520	12/9/08 7:00	12/8/08 4:58	(FE)
5.90	26.03	116.00	NOx	45	X-902 Flare	P-1792	PEU 1792	EE	2462C	12/9/08 7:00	12/8/08 4:58	117449
42.50	26.03	837.85	co	45	X-902 Flare	P-1792	PEU 1792	EE	2462C	12/9/08 7:00	12/8/08 4:58	117449
5.67	0.33	615.00	TOTAL VOCs	F-130	Normal Alpha Olefins Unit 1797	P-1797	NAOU 1797	표	37063	12/4/08 11:20	12/4/08 11:00	117364
(lbs/hr)		(0bs)	EPN Follurant	EPN	Emission Point	Source Info/FIN	Cat	Type of Event	Authorization		Time	Number
<b>Emission Limit</b>	Duration	Released				Adittional				End Date and	Start Date and	fracking

Table 1 - Violations of Hourly Limits

3.00		e de la companya de l				LDPE Unit 1792-	1	34630	5/0/00 20.20	₹/0/00 17:30	12/017
	21.00	VOC	45	X-902 Flure	X-902 Flare	LDPE Unit 1792- 100	fa.; in:	352	5/9/19/16/30	5/9/09 [7:30	7.0%
3,00	78.00	Propylene	45	X-902 Flare	X-902 Flare	LDPE Unit 1792- 100	or.	3520	0.00 (4/6/5	5/9/09 (7:30	250
3.00	12.00	Propane	45	X-902 Flare	X-902 Flare	LDPE Unit 1792- 100	ky: tr:	24620	5/9/199 2.0:30	5/9/09   7:30	
3.00	385.00	Ethylene	45	X-902 Flare	X-902 Flare	LDPE Unit 1792-	<u> </u>	24630	579/00/20130	5/9/09 17:30	24017
3,00	67.00	NOx	45	X-902 Flare	X-902 Flare	LDPE Unit 1792- 100	EE	2462C	5/9/09 20:30	5/9/09 17:30	124017
3.00	342.00	00	45	X-902 Flare	X-902 Flare	LDPE Unit 1792-: 100	33	2462C	5/9/09 20:30	5/9/09 17:30	124017
91.00	498.00	TOTAL VOCs	NA	NA	P-1792	PEU 1792	Startup		2/8/09 20:00	2/5/09 1:00	119168
91.00	498.00	Ethylene	NA	14	P-1792	56.1 L33	Saaap		2/8/09/20/00	275709 [300	 
91.00	971.00	TOTAL VOCs	45	X-901 Flare	P-1792	PEU 1792	Startup	2462C	2/8/09 20:00	2/5/09 1:00	119168
91.00	319.00	Propylene	45	X-90) Flare	Z61.1-d	56.1 GMd	datas		145-60, 045-47.7	25-1-90	
91.00	154.00	Propane	45	X-961 Flare	P-1792	PET 1792	Carrage		1.8392 (0.87)	27500 100	\(\frac{1}{2}\)
91.00	498.00	Ethylene	45	X-901 Flare	P-1792	PEU 1792	deamy	12820	20:00	5.81% [400	1 2 3
91.00	79.00	NOx	45	X-901 Flare	P-1792	PEU 1792	Startup	2462C	2/8/09 20:00	2/5/09 1:00	119168
91.00	571.00	8	45	X-901 Flare	P-1792	PEU 1792	Startup	2462C	2/8/09 20:00	2/5/09 1:00	119168
131,00	876.00	TOTAL VOCs	45	X-901 Flare	P-1792	PEU 1792	EE	2462C	1/14/09 7:00	1/8/09 20:00	118724
00.151	290.00	Propylene	45	antel 106-X	P-1792		Sua (T)	5 / C	171,709 7,00	1.845.7830	T. W.
00.151	190.00	Propane	45	X-901 Flare	7621-ã	2621 DB4	175	2480	1714-09 7500	00:07 60:8/1	1777
131.00	396,00	Ethylenc	45	X-901 Flare	P-1792	PEU 1792	in.	14.70	AR7, 640/FM	1 (84)9 20:00	 13 4
131.00	85.00	NOx	45	X-901 Flare	P-1792	PEU 1792	EE	2462C	1/14/09 7:00	1/8/09 20:00	118724
131.00	614.00	8	45	X-901 Flare	P-1792	PEU 1792	EE	2462C	1/14/09 7:00	1/8/09 20:00	118724
56.00	0.98	VOCs	1592-40	CB-710 Plare	P-1592	EU 1592	dnjung	15883	00/61/60/51/3	0.00111 60/11:11	5.13
56.00	225.19	TOTAL VOCs	1592-40	CB-710 Flare	P-1592	EU 1592	Startup	1504A	1/13/09 19:00	1/11/09 11:00	118231
56.00	1.75	Propylene	1592-40	CB-710 Flare	P-1592	Z651.03	dnues	1247	100.751 607.274	1/11/49/15/00	
56.00	0.49	Propane	1592-40	CB-710 Flare	P-1592	EU 1592	Charles	\$3 \$2 \$2	111750 1340	M641 307 E	
56.00	184.79	Ethylone	1592-40	CB-710 Flare	P-1592	BU 1592	depete	150%2	1 (5):61 n(n)(1)	0.011 853 111	700 s
56.00	0.46	Butane	1592-40	CB-710 Flare	P-1592	HU 1592	Startup	357	, uctor others.	00/11/03/1/1	Š
56.00	36.72	Acctylene	1592-40	CB-710 Flare	P-1592	150 1592	ching:	1504.4	19761 60/2/01	100-11-00/11-1	
56.00	29.61	NOx	1592-40	CB-710 Flare	P-1592	EU 1592	Startup	1504A	1/13/09 19:00	1/11/09 11:00	118231
(us)	(lbs)	Pollutant	EPN	Emission Point	Source Info/FIN	<b>Put</b>	Type of Event	Authorization	Time	Time	Number
Duration	Released				Adittional				End Date and	Start Date and	Tracking
	Ашоци										